

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073293.D
 Acq On : 23 May 2022 20:10
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 24 03:29:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.967	168	307904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	525336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	506929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	250304	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	178771	52.537	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.080%	
35) Dibromofluoromethane	7.908	113	181617	52.392	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.780%	
50) Toluene-d8	10.332	98	657823	51.479	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.960%	
62) 4-Bromofluorobenzene	12.620	95	239391	53.382	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.760%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.985	85	121514	39.495	ug/l	93
3) Chloromethane	2.203	50	134597	38.689	ug/l	97
4) Vinyl Chloride	2.344	62	124286	39.068	ug/l	99
5) Bromomethane	2.750	94	86275	41.628	ug/l	100
6) Chloroethane	2.909	64	82972	42.427	ug/l	93
7) Trichlorofluoromethane	3.262	101	249290	44.317	ug/l	98
8) Diethyl Ether	3.703	74	81624	52.807	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.085	101	151134	45.030	ug/l	95
10) Methyl Iodide	4.291	142	146569	40.476	ug/l	99
11) Tert butyl alcohol	5.220	59	60545	114.681	ug/l #	85
12) 1,1-Dichloroethene	4.061	96	138070	44.620	ug/l	86
13) Acrolein	3.914	56	53161	255.363	ug/l	98
14) Allyl chloride	4.709	41	237768	47.603	ug/l	91
15) Acrylonitrile	5.414	53	203403	287.776	ug/l	97
16) Acetone	4.156	43	159587	270.764	ug/l	98
17) Carbon Disulfide	4.397	76	394207	38.430	ug/l	98
18) Methyl Acetate	4.709	43	92876	56.669	ug/l #	91
19) Methyl tert-butyl Ether	5.473	73	395657	56.126	ug/l	100
20) Methylene Chloride	4.956	84	204095	54.992	ug/l	89
21) trans-1,2-Dichloroethene	5.461	96	175121	46.807	ug/l	89
22) Diisopropyl ether	6.361	45	556623	53.161	ug/l #	90
23) Vinyl Acetate	6.297	43	1568003	280.753	ug/l #	94
24) 1,1-Dichloroethane	6.250	63	324081	48.221	ug/l	99
25) 2-Butanone	7.208	43	245889	285.152	ug/l #	89
26) 2,2-Dichloropropane	7.197	77	249177	43.474	ug/l	96
27) cis-1,2-Dichloroethene	7.202	96	203027	49.042	ug/l	89
28) Bromochloromethane	7.544	49	120547	52.063	ug/l #	84
29) Tetrahydrofuran	7.555	42	167153	299.781	ug/l	91
30) Chloroform	7.702	83	348989	49.738	ug/l	99
31) Cyclohexane	7.979	56	250011	42.044	ug/l	87
32) 1,1,1-Trichloroethane	7.897	97	288149	46.955	ug/l	96
36) 1,1-Dichloropropene	8.102	75	236620	45.385	ug/l	96
37) Ethyl Acetate	7.285	43	118015	57.307	ug/l #	94
38) Carbon Tetrachloride	8.085	117	250934	47.482	ug/l	98
39) Methylcyclohexane	9.349	83	261496	45.006	ug/l	99
40) Benzene	8.344	78	716598	47.692	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	72650	60.550	ug/l	95
42) 1,2-Dichloroethane	8.414	62	215982	51.660	ug/l	97
43) Isopropyl Acetate	8.444	43	225890	59.345	ug/l #	95
44) Trichloroethene	9.102	130	190025	47.425	ug/l	96
45) 1,2-Dichloropropane	9.379	63	194863	51.496	ug/l	95
46) Dibromomethane	9.467	93	109552	52.714	ug/l	97
47) Bromodichloromethane	9.655	83	276765	52.047	ug/l	98
48) Methyl methacrylate	9.449	41	110797	57.856	ug/l	88
49) 1,4-Dioxane	9.455	88	26650	1241.720	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	608755	307.923	ug/l	94
52) Toluene	10.396	92	478229	50.367	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	254214	52.917	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	294135	51.163	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	153658	54.676	ug/l	97
56) Ethyl methacrylate	10.649	69	188712	60.394	ug/l #	85
57) 1,3-Dichloropropane	10.938	76	254818	54.038	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	423831	282.427	ug/l	96
59) 2-Hexanone	10.973	43	416893	319.853	ug/l	95
60) Dibromochloromethane	11.126	129	186043	53.090	ug/l	100
61) 1,2-Dibromoethane	11.238	107	146517	54.559	ug/l	98
64) Tetrachloroethene	10.867	164	152806	46.022	ug/l	97
65) Chlorobenzene	11.661	112	501616	48.234	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	197790	51.282	ug/l	99
67) Ethyl Benzene	11.732	91	889317	48.714	ug/l	97
68) m/p-Xylenes	11.843	106	704655	99.349	ug/l	98
69) o-Xylene	12.167	106	330763	50.764	ug/l	96
70) Styrene	12.179	104	594601	53.041	ug/l	97
71) Bromoform	12.349	173	113053	56.953	ug/l #	98
73) Isopropylbenzene	12.467	105	862268	48.323	ug/l	99
74) N-amyl acetate	12.279	43	219283	56.332	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	178081	54.112	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	221876	90.344	ug/l #	100
77) Bromobenzene	12.749	156	208014	49.521	ug/l	95
78) n-propylbenzene	12.808	91	1078446	48.141	ug/l	99
79) 2-Chlorotoluene	12.896	91	630987	48.783	ug/l	98
80) 1,3,5-Trimethylbenzene	12.943	105	752770	49.801	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	57296	56.008	ug/l	87
82) 4-Chlorotoluene	12.990	91	672349	49.593	ug/l	99
83) tert-Butylbenzene	13.208	119	610424	47.916	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	751270	50.310	ug/l	100
85) sec-Butylbenzene	13.385	105	938512	48.248	ug/l	99
86) p-Isopropyltoluene	13.502	119	779536	49.162	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	416473	49.189	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	414016	48.442	ug/l	99
89) n-Butylbenzene	13.826	91	736603	48.755	ug/l	99
90) Hexachloroethane	14.096	117	155901	47.517	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	371552	50.719	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	27972	55.502	ug/l	90
93) 1,2,4-Trichlorobenzene	15.143	180	214254	51.516	ug/l	99
94) Hexachlorobutadiene	15.249	225	109607	46.768	ug/l	97
95) Naphthalene	15.379	128	430604	52.388	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	194986	52.884	ug/l	100

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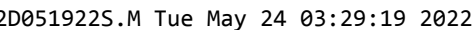
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

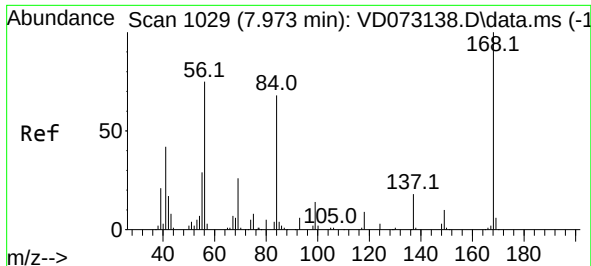
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Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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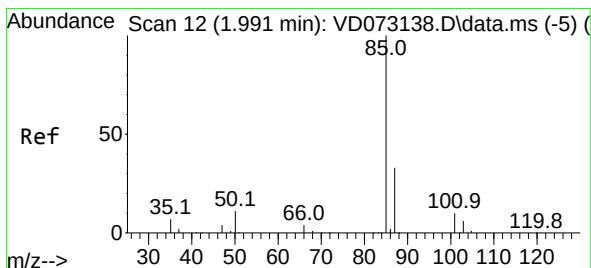
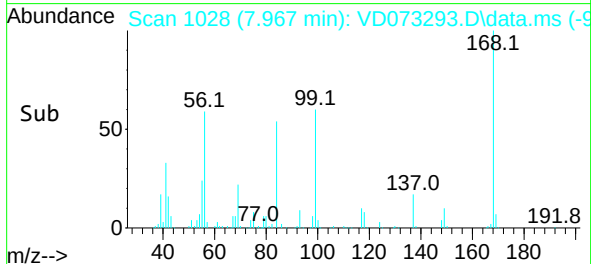
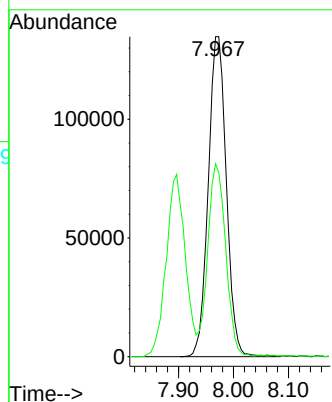
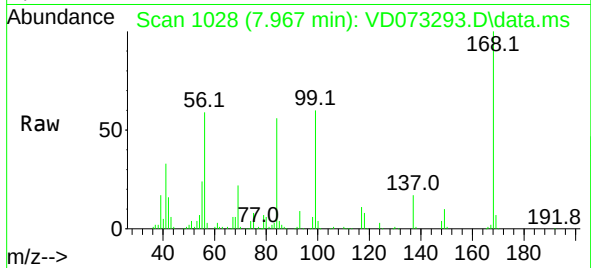




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073293.D
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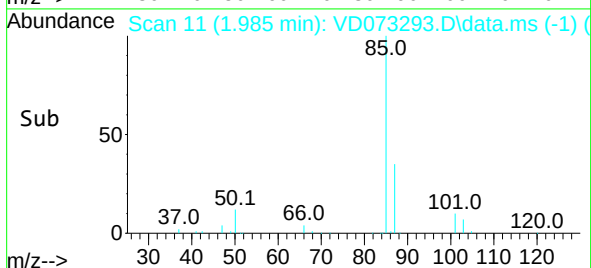
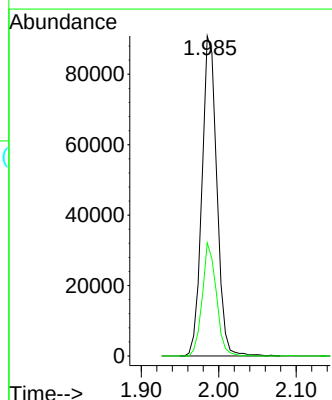
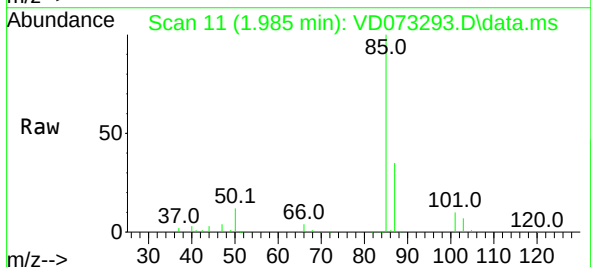
Instrument :
MSVOA_D
ClientSampleId :
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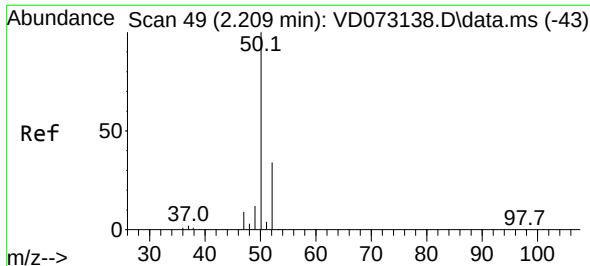
Tgt Ion:168 Resp: 307904
Ion Ratio Lower Upper
168 100
99 60.1 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 39.495 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

Tgt Ion: 85 Resp: 121514
Ion Ratio Lower Upper
85 100
87 35.3 15.7 47.0

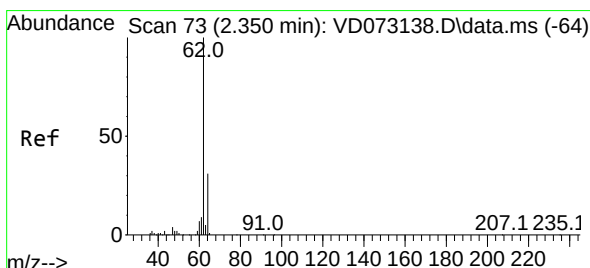
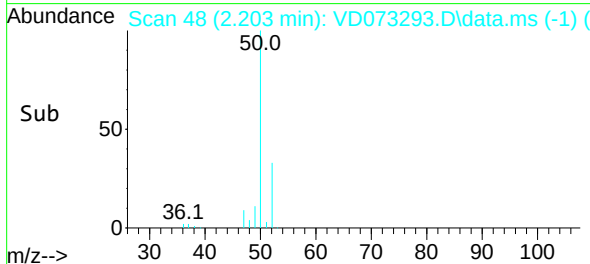
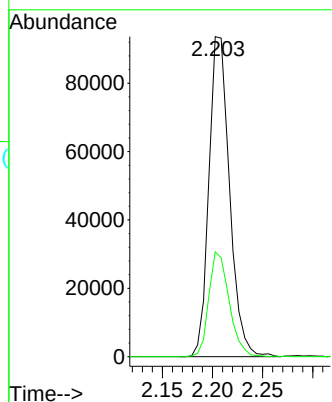
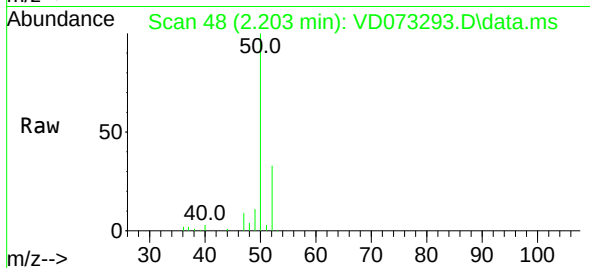




#3
Chloromethane
Concen: 38.689 ug/l
RT: 2.203 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

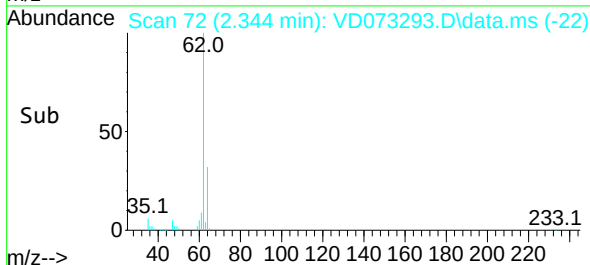
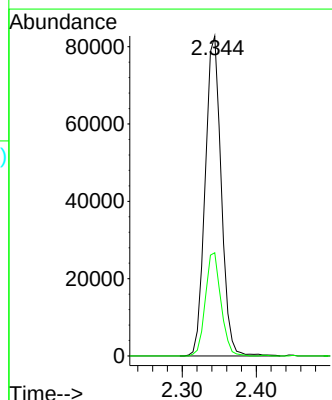
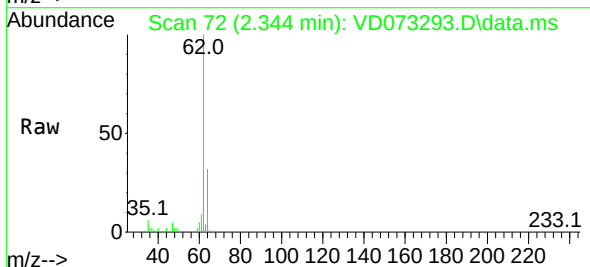
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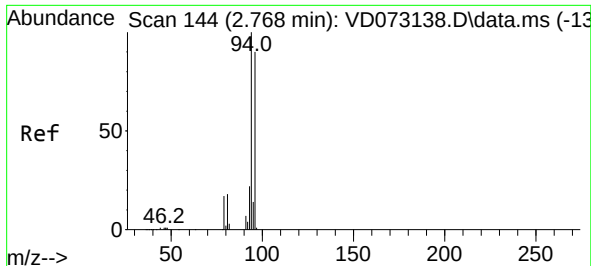
Tgt Ion: 50 Resp: 134597
Ion Ratio Lower Upper
50 100
52 32.8 27.4 41.0



#4
Vinyl Chloride
Concen: 39.068 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

Tgt Ion: 62 Resp: 124286
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0

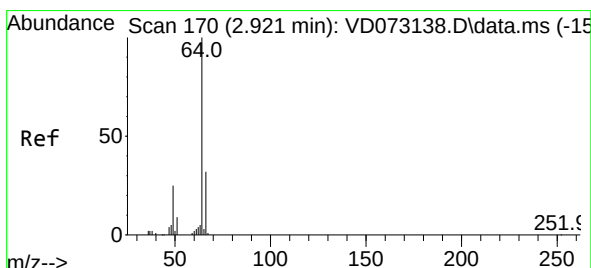
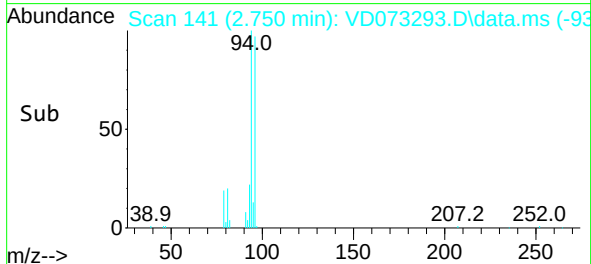
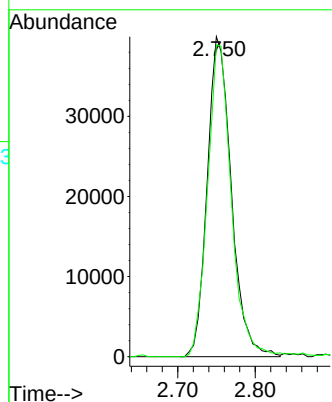
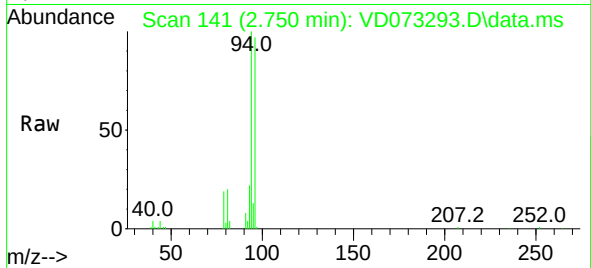




#5
Bromomethane
Concen: 41.628 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

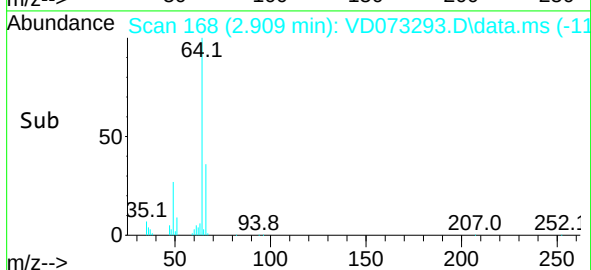
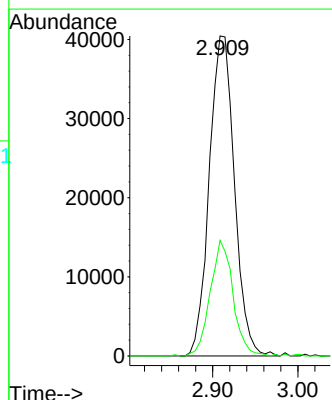
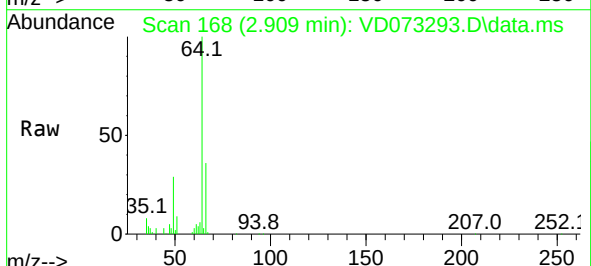
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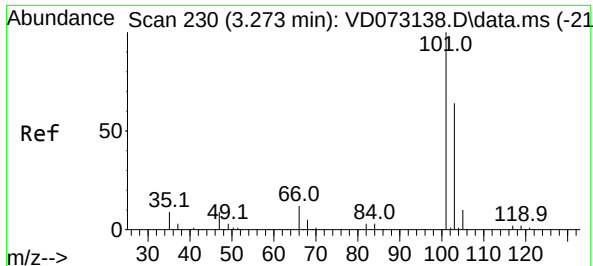
Tgt Ion: 94 Resp: 86275
Ion Ratio Lower Upper
94 100
96 97.5 77.6 116.4



#6
Chloroethane
Concen: 42.427 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

Tgt Ion: 64 Resp: 82972
Ion Ratio Lower Upper
64 100
66 36.1 25.9 38.9

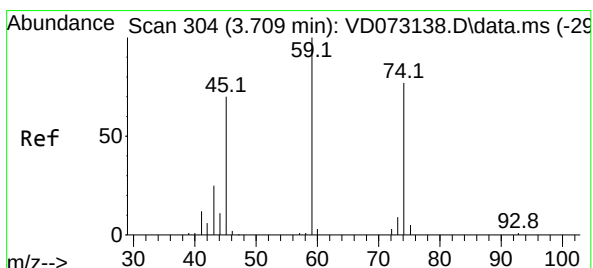
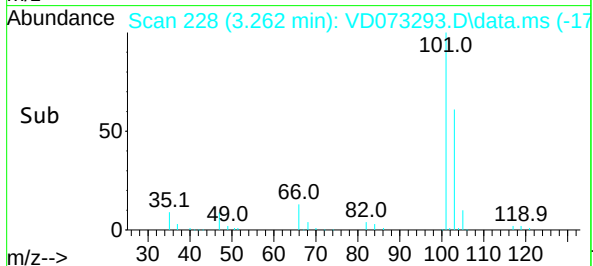
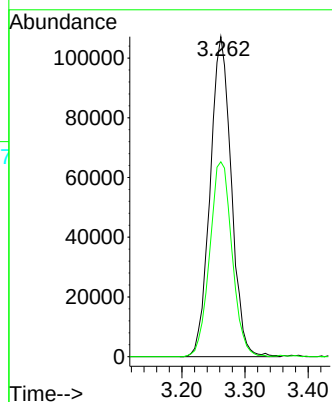
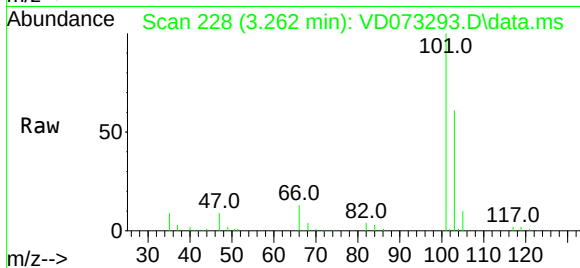




#7
Trichlorofluoromethane
Concen: 44.317 ug/l
RT: 3.262 min Scan# 21
Delta R.T. -0.011 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

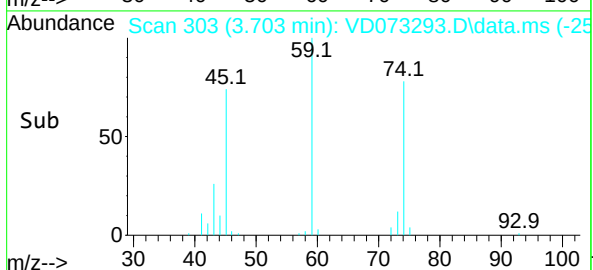
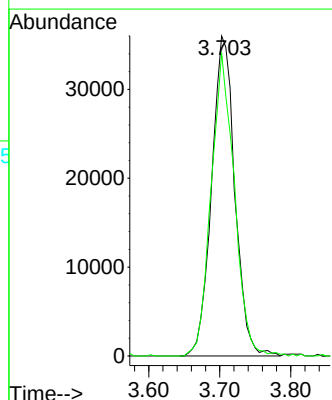
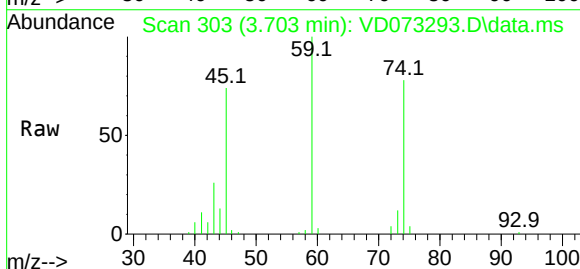
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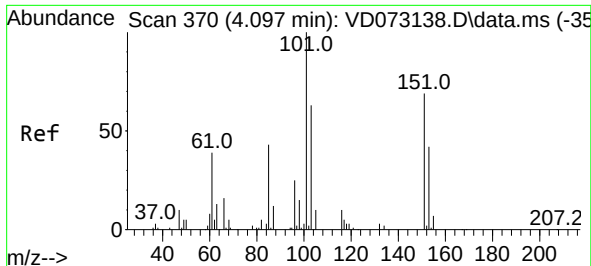
Tgt Ion:101 Resp: 249290
Ion Ratio Lower Upper
101 100
103 60.9 50.1 75.1



#8
Diethyl Ether
Concen: 52.807 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.006 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

Tgt Ion: 74 Resp: 81624
Ion Ratio Lower Upper
74 100
45 94.7 52.6 157.8

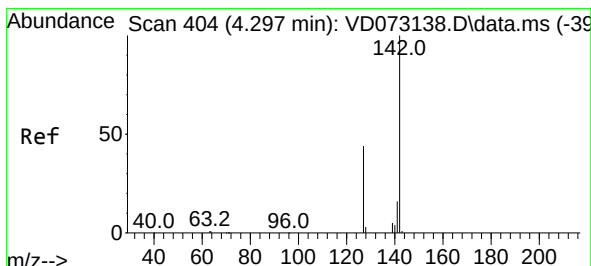
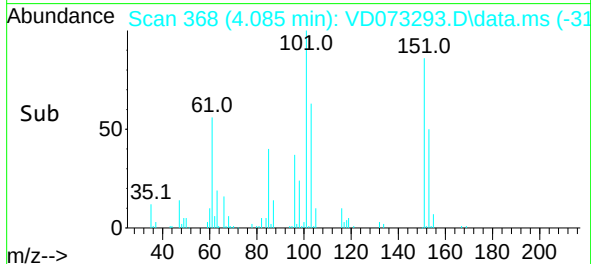
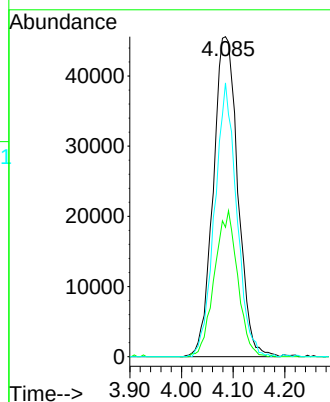
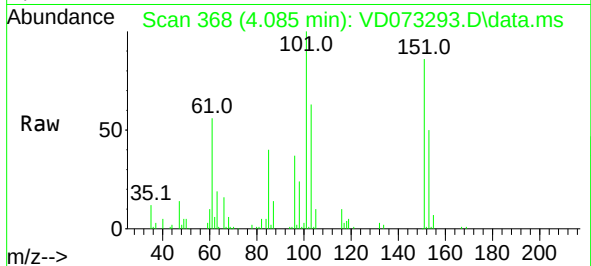




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.030 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.012 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

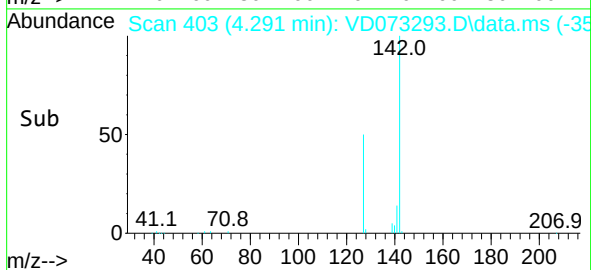
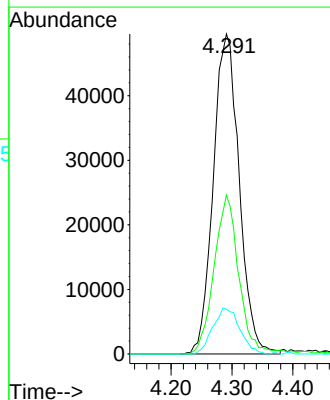
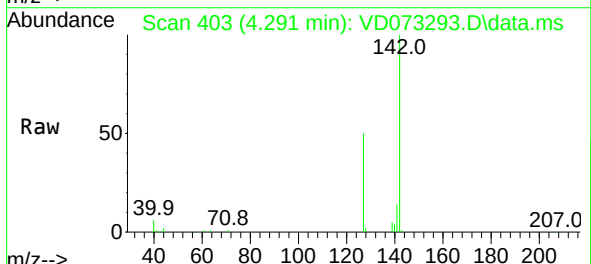
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

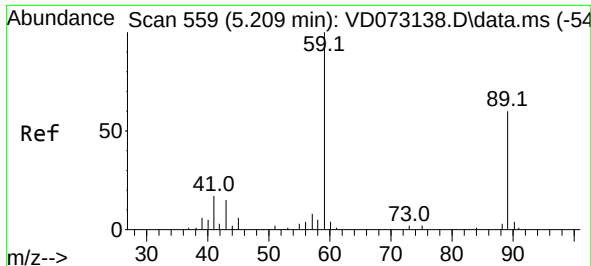
Tgt Ion:101 Resp: 151134
Ion Ratio Lower Upper
101 100
85 43.0 36.4 54.6
151 76.6 57.3 85.9



#10
Methyl Iodide
Concen: 40.476 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

Tgt Ion:142 Resp: 146569
Ion Ratio Lower Upper
142 100
127 47.5 37.3 55.9
141 14.9 11.7 17.5

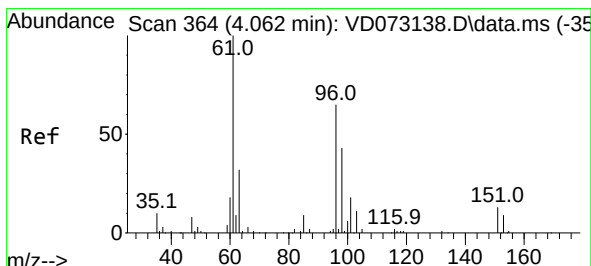
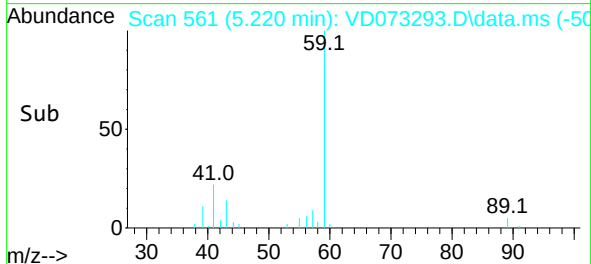
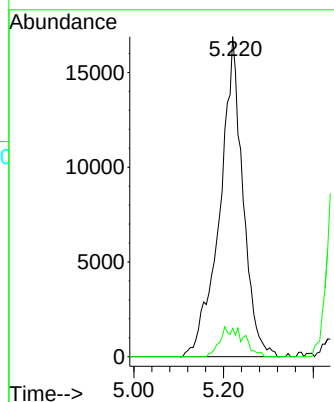
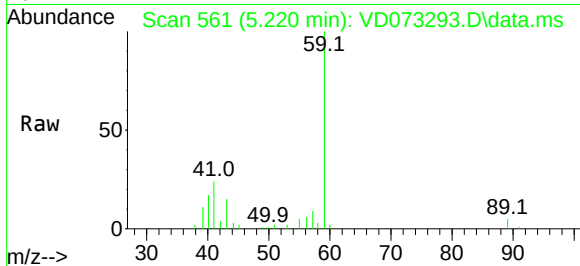




#11
Tert butyl alcohol
Concen: 114.681 ug/l
RT: 5.220 min Scan# 511
Delta R.T. 0.011 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

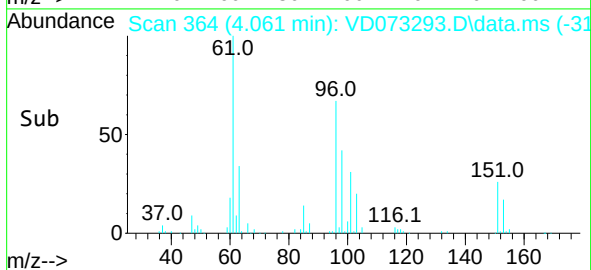
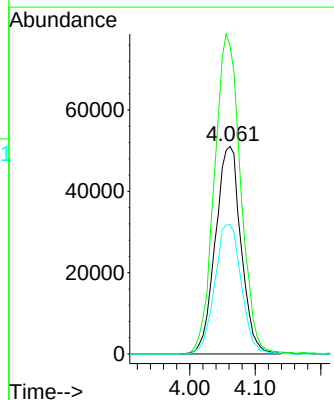
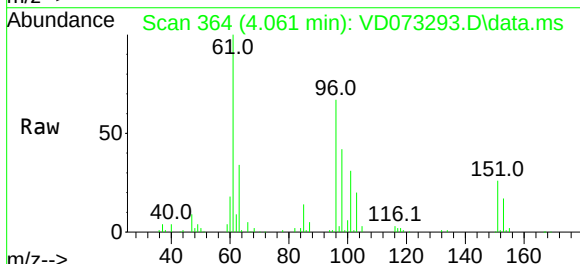
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

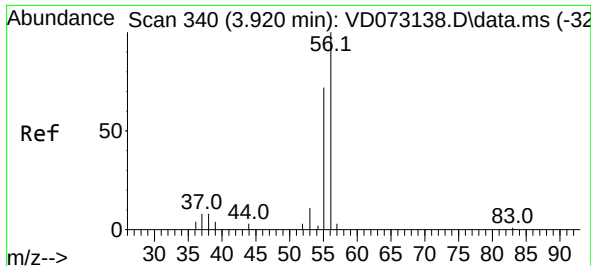
Tgt Ion: 59 Resp: 60545
Ion Ratio Lower Upper
59 100
57 4.2 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 44.620 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.001 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

Tgt Ion: 96 Resp: 138070
Ion Ratio Lower Upper
96 100
61 148.2 138.5 207.7
98 62.3 48.6 73.0

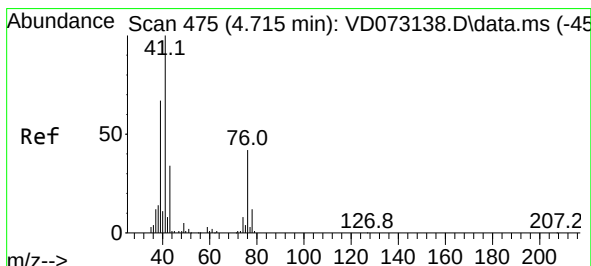
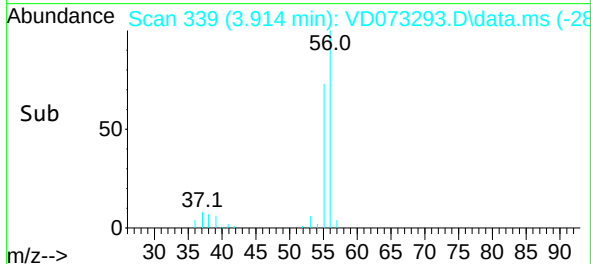
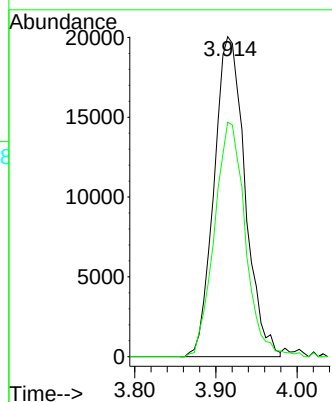
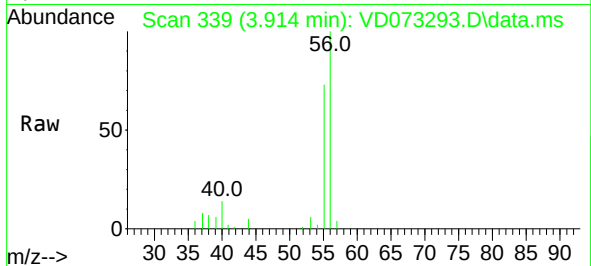




#13
Acrolein
Concen: 255.363 ug/l
RT: 3.914 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

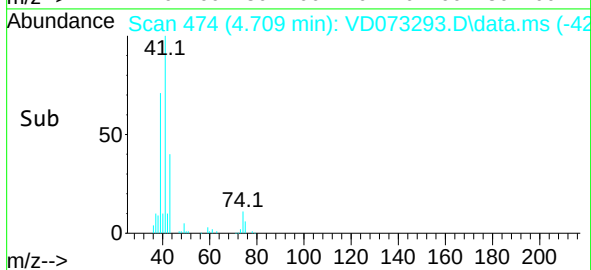
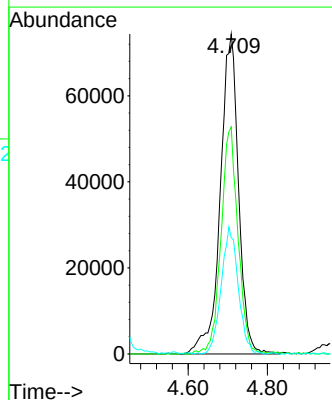
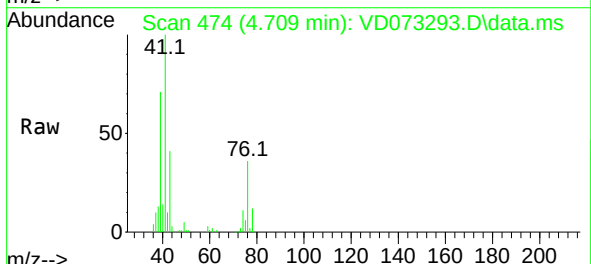
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

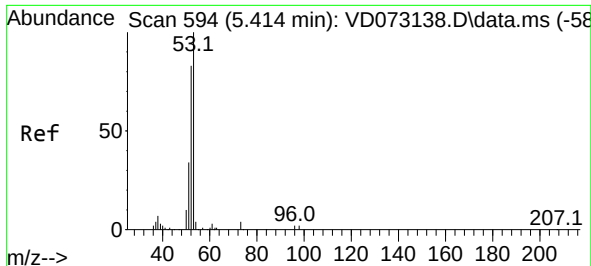
Tgt Ion: 56 Resp: 53161
Ion Ratio Lower Upper
56 100
55 73.0 57.1 85.7



#14
Allyl chloride
Concen: 47.603 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

Tgt Ion: 41 Resp: 237768
Ion Ratio Lower Upper
41 100
39 66.1 59.3 88.9
76 36.9 25.7 38.5

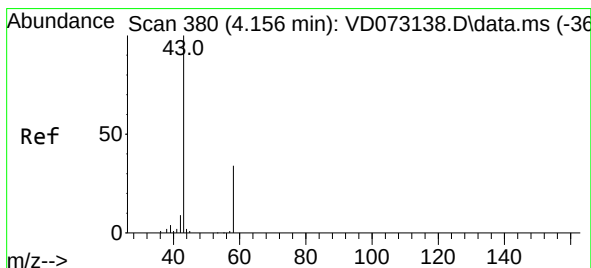
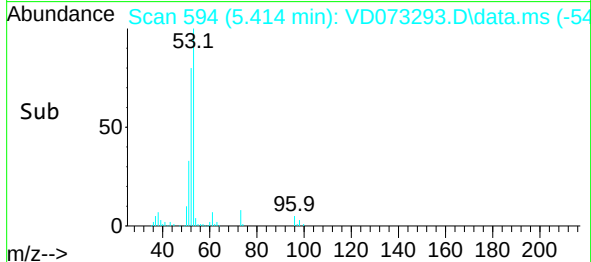
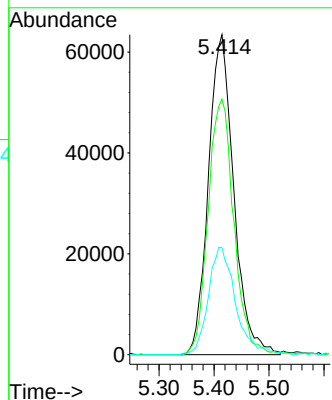
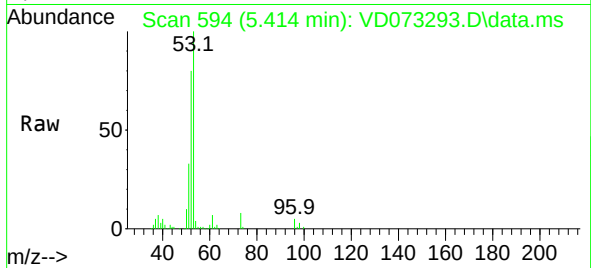




#15
Acrylonitrile
Concen: 287.776 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

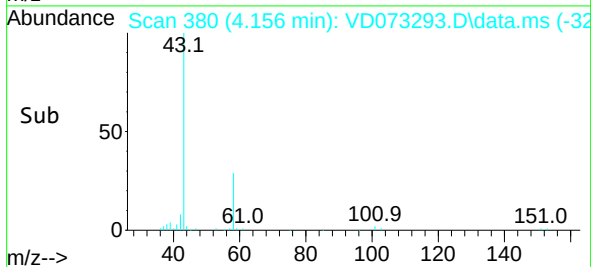
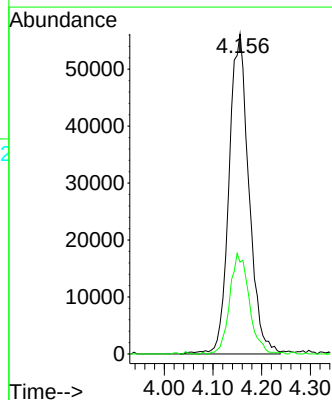
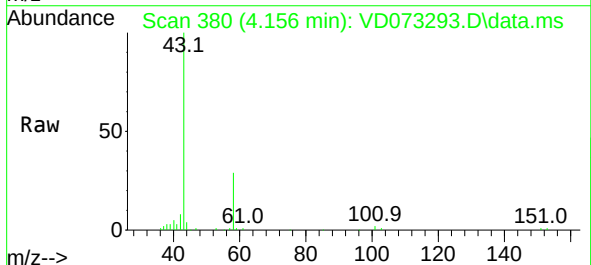
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

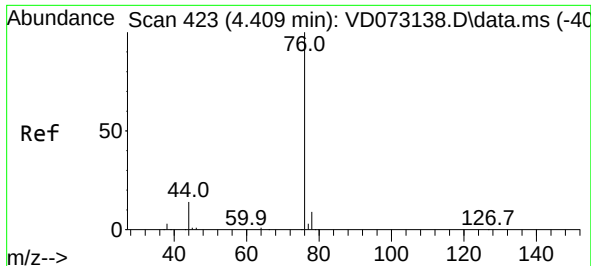
Tgt Ion: 53 Resp: 203403
Ion Ratio Lower Upper
53 100
52 80.9 67.2 100.8
51 36.1 30.3 45.5



#16
Acetone
Concen: 270.764 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

Tgt Ion: 43 Resp: 159587
Ion Ratio Lower Upper
43 100
58 28.7 22.1 33.1

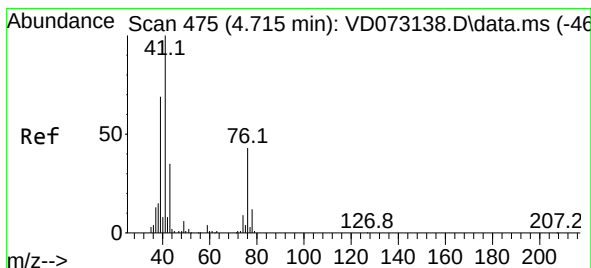
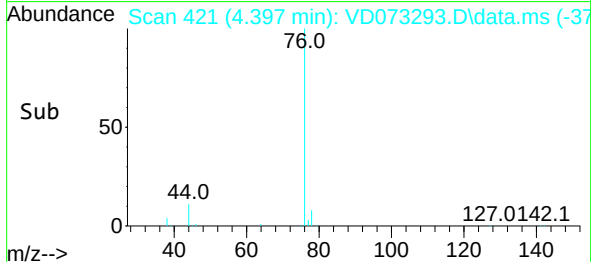
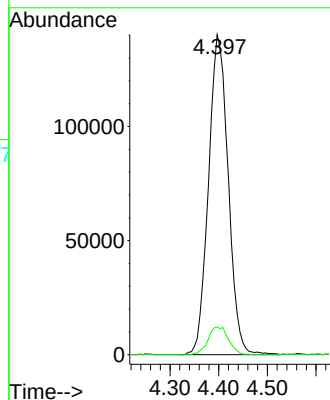
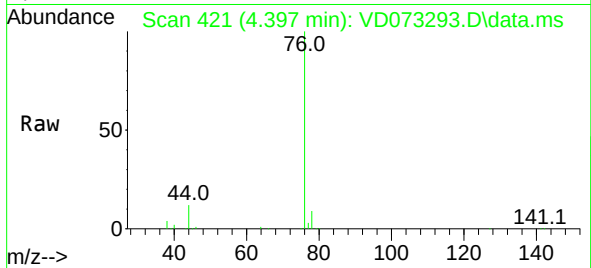




#17
Carbon Disulfide
Concen: 38.430 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

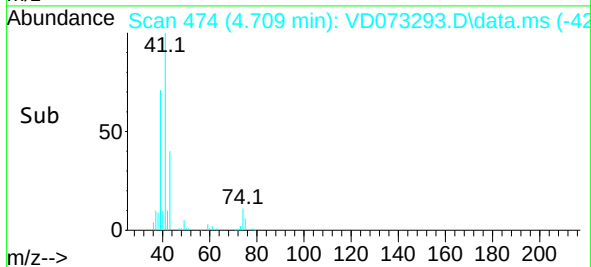
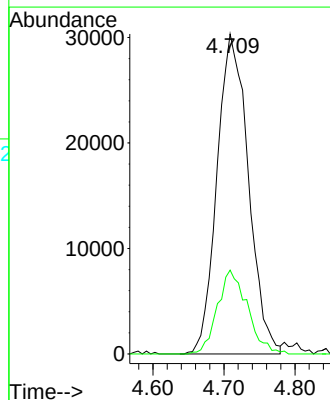
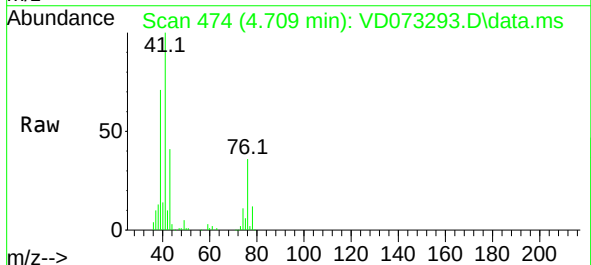
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

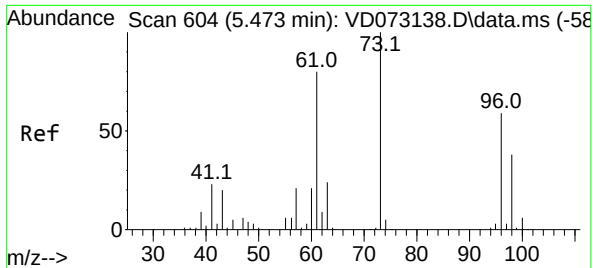
Tgt Ion: 76 Resp: 394207
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 56.669 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

Tgt Ion: 43 Resp: 92876
Ion Ratio Lower Upper
43 100
74 25.1 16.7 25.1#

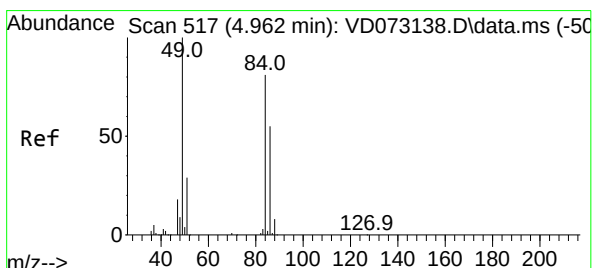
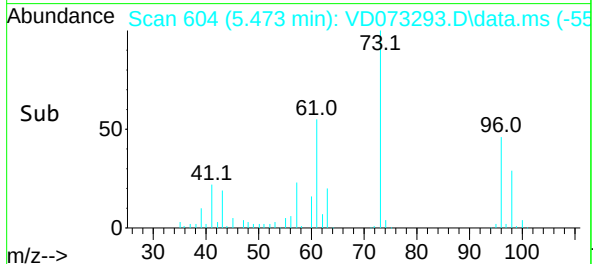
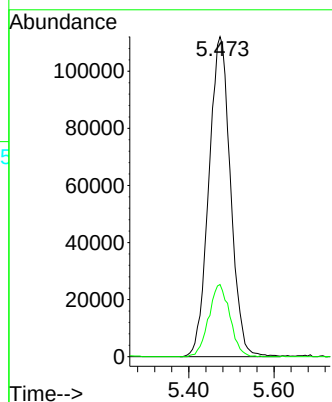
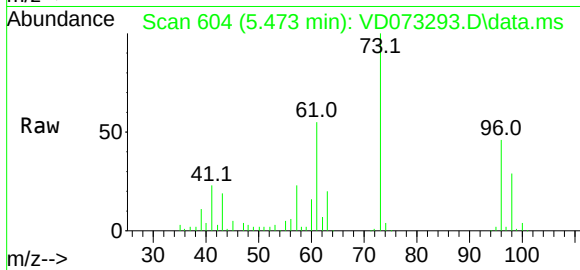




#19
Methyl tert-butyl Ether
Concen: 56.126 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

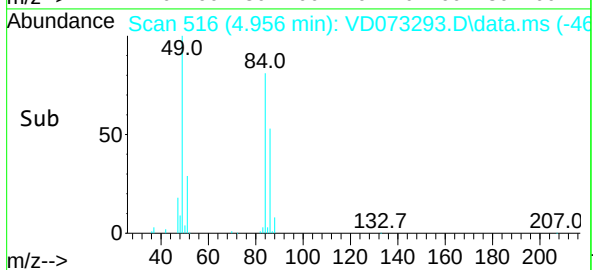
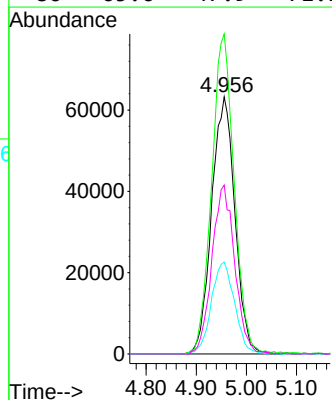
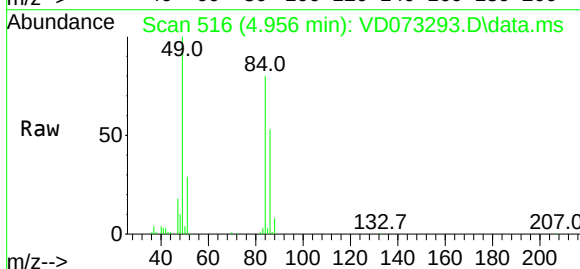
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

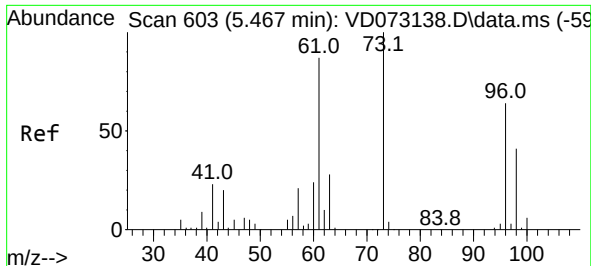
Tgt Ion: 73 Resp: 395657
Ion Ratio Lower Upper
73 100
57 22.6 18.0 27.0



#20
Methylene Chloride
Concen: 54.992 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

Tgt Ion: 84 Resp: 204095
Ion Ratio Lower Upper
84 100
49 124.4 112.8 169.2
51 35.7 32.6 48.8
86 65.6 47.9 71.9

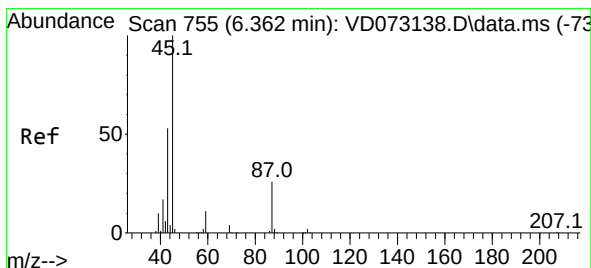
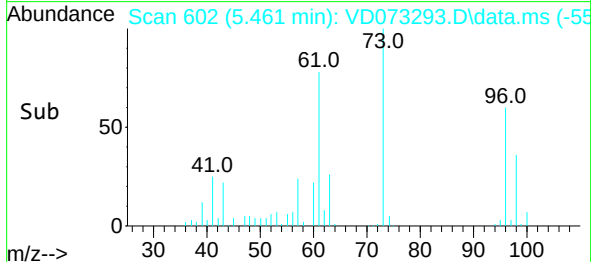
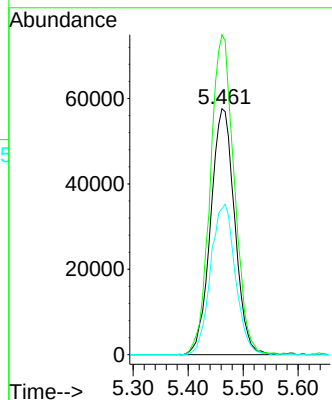
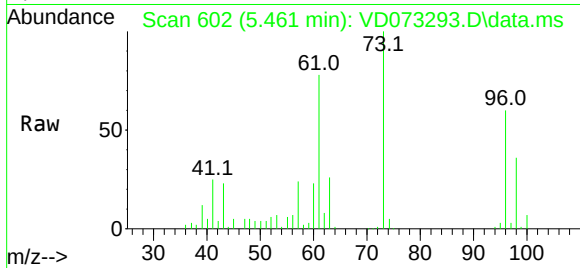




#21
trans-1,2-Dichloroethene
Concen: 46.807 ug/l
RT: 5.461 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

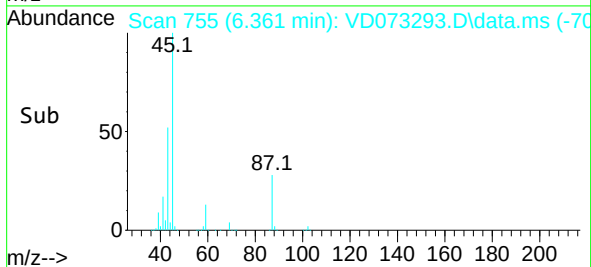
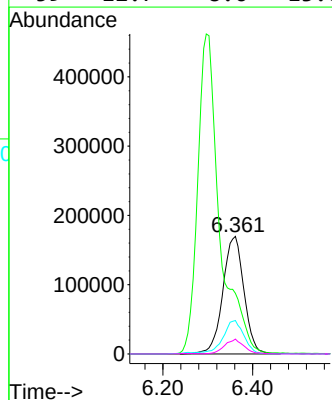
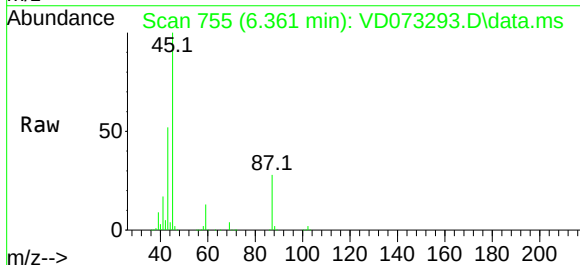
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

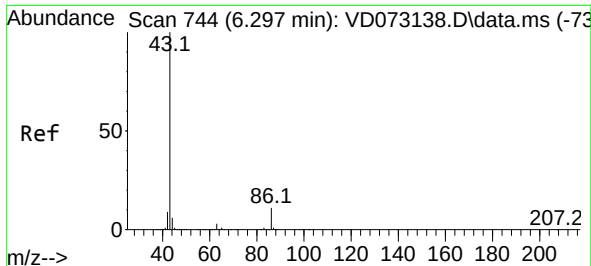
Tgt Ion: 96 Resp: 175121
Ion Ratio Lower Upper
96 100
61 130.1 117.9 176.9
98 59.4 49.4 74.2



#22
Diisopropyl ether
Concen: 53.161 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

Tgt Ion: 45 Resp: 556623
Ion Ratio Lower Upper
45 100
43 50.9 46.6 70.0
87 28.4 18.4 27.6#
59 12.7 8.6 13.0

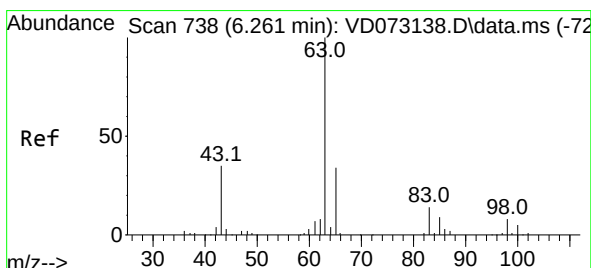
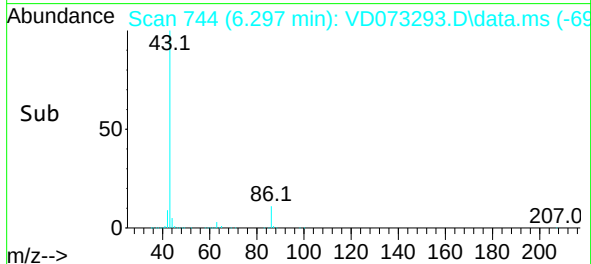
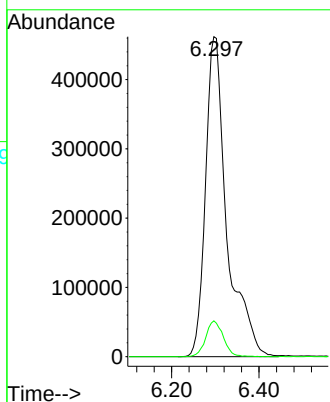
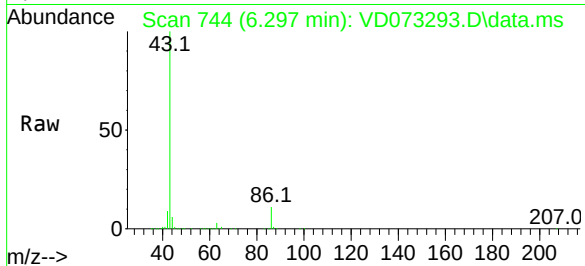




#23
 Vinyl Acetate
 Concen: 280.753 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: VD073293.D
 Acq: 23 May 2022 20:10

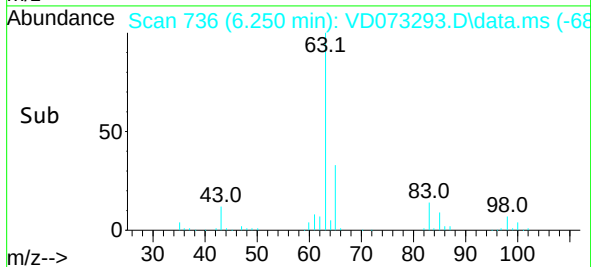
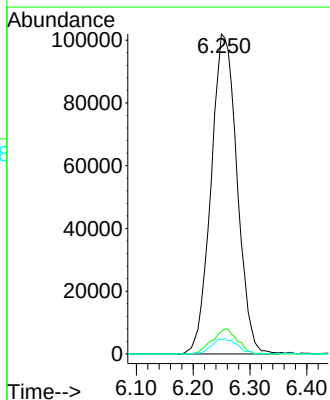
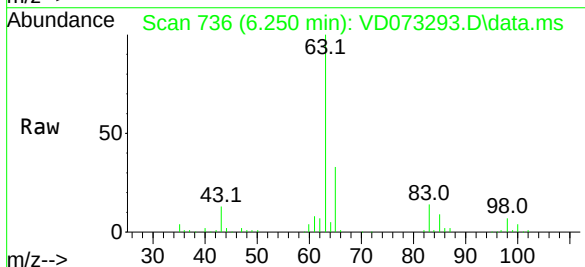
Instrument :
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 ClientSampleId :
 VSTDCCC050EC

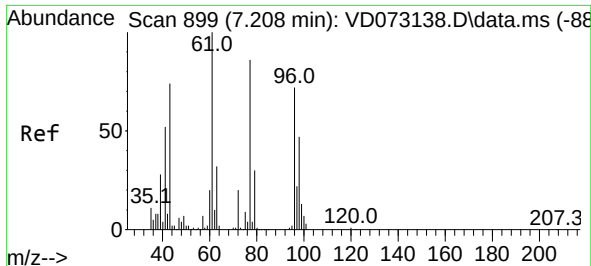
Tgt Ion: 43 Resp: 1568003
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 48.221 ug/l
 RT: 6.250 min Scan# 736
 Delta R.T. -0.011 min
 Lab File: VD073293.D
 Acq: 23 May 2022 20:10

Tgt Ion: 63 Resp: 324081
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 4.5 2.1 6.5

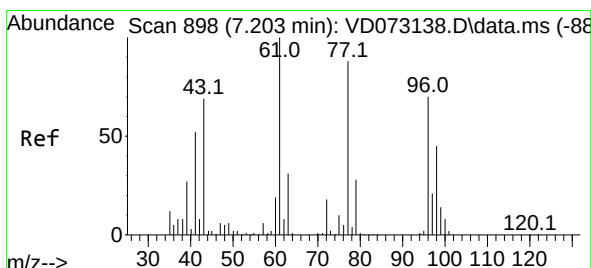
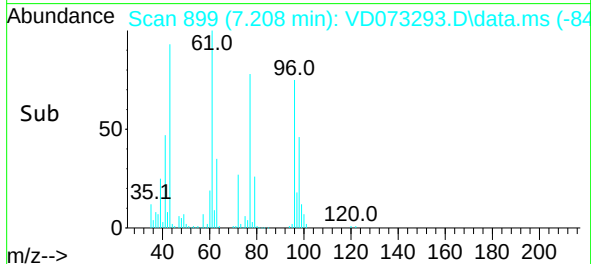
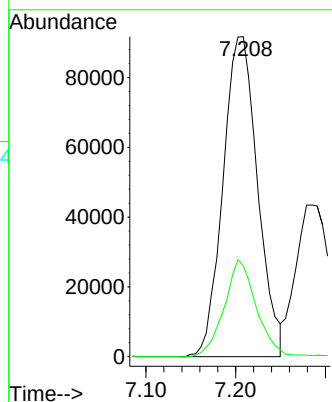
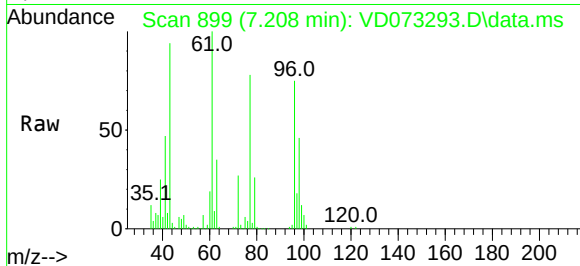




#25
2-Butanone
Concen: 285.152 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

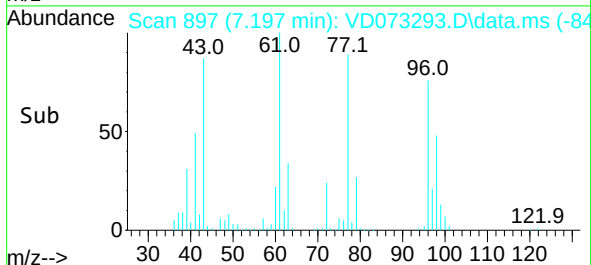
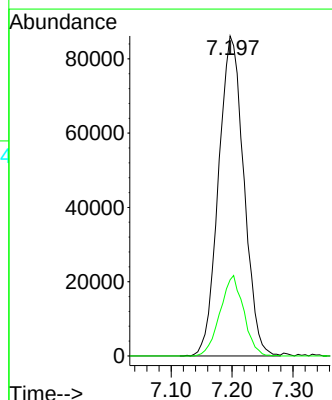
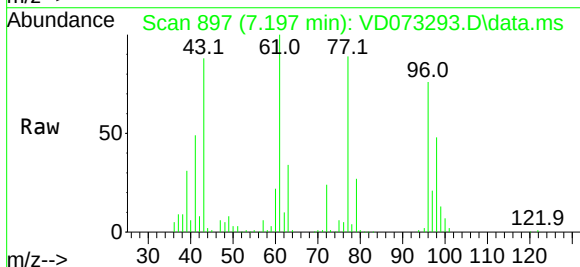
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

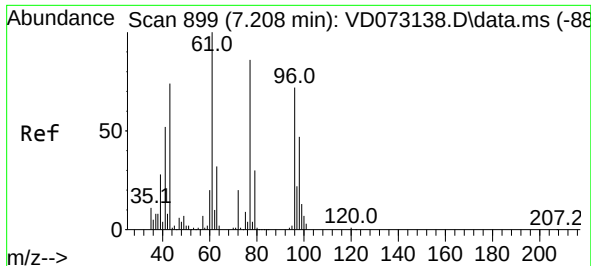
Tgt Ion: 43 Resp: 245889
Ion Ratio Lower Upper
43 100
72 28.5 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 43.474 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

Tgt Ion: 77 Resp: 249177
Ion Ratio Lower Upper
77 100
97 23.4 10.8 32.4

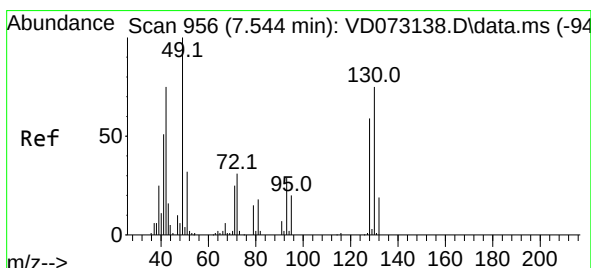
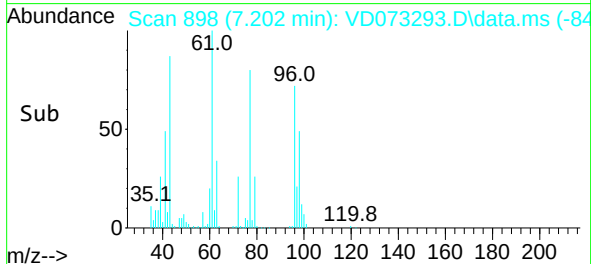
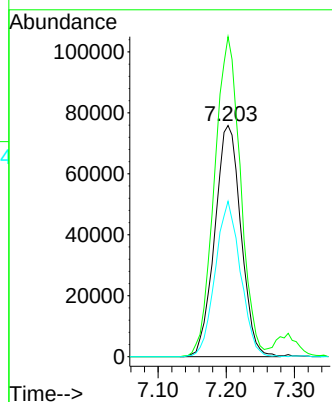
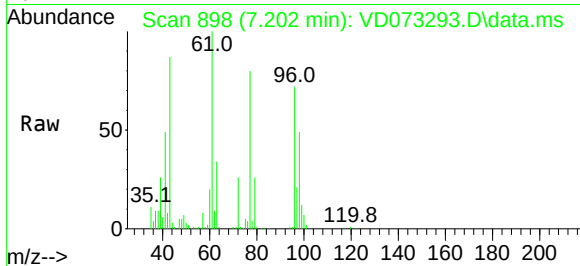




#27
 cis-1,2-Dichloroethene
 Concen: 49.042 ug/l
 RT: 7.202 min Scan# 899
 Delta R.T. -0.006 min
 Lab File: VD073293.D
 Acq: 23 May 2022 20:10

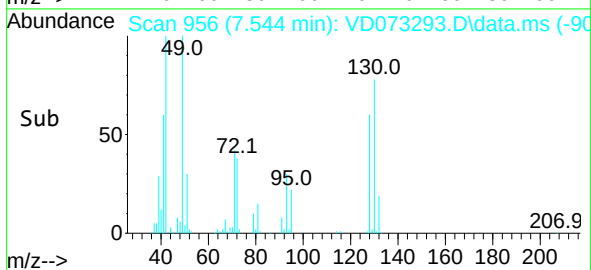
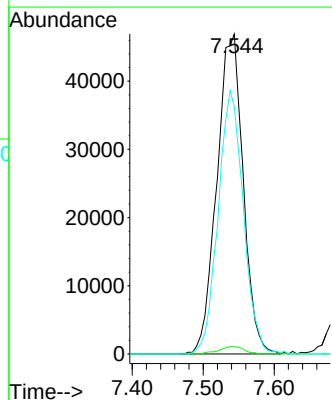
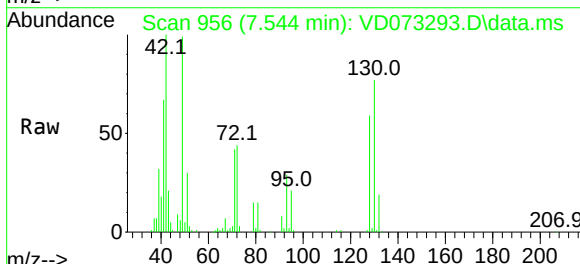
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

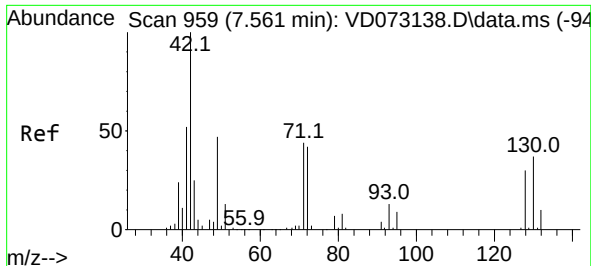
Tgt Ion: 96 Resp: 203027
 Ion Ratio Lower Upper
 96 100
 61 137.7 0.0 313.8
 98 64.9 0.0 128.8



#28
 Bromochloromethane
 Concen: 52.063 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. -0.000 min
 Lab File: VD073293.D
 Acq: 23 May 2022 20:10

Tgt Ion: 49 Resp: 120547
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.0
 130 79.1 52.6 79.0#





#29

Tetrahydrofuran

Concen: 299.781 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073293.D

Acq: 23 May 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

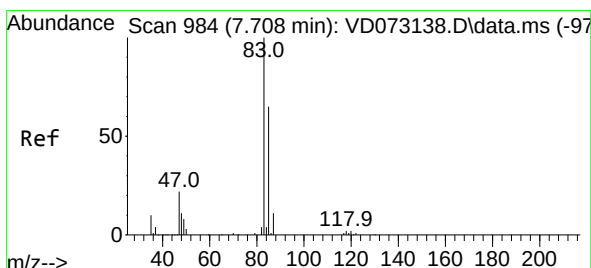
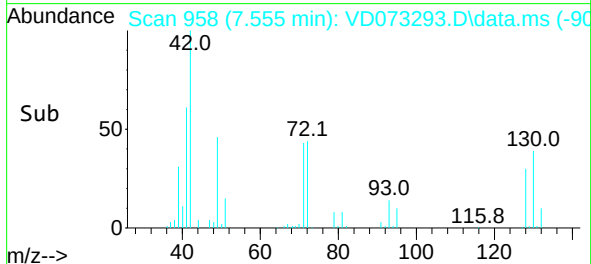
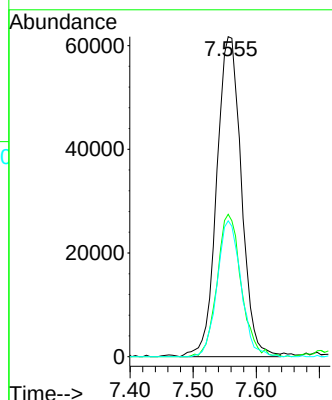
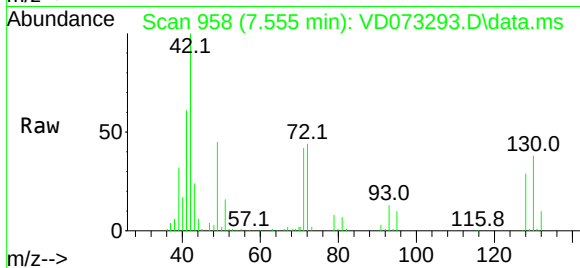
Tgt Ion: 42 Resp: 167153

Ion Ratio Lower Upper

42 100

72 43.4 30.7 46.1

71 41.1 28.6 43.0



#30

Chloroform

Concen: 49.738 ug/l

RT: 7.702 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD073293.D

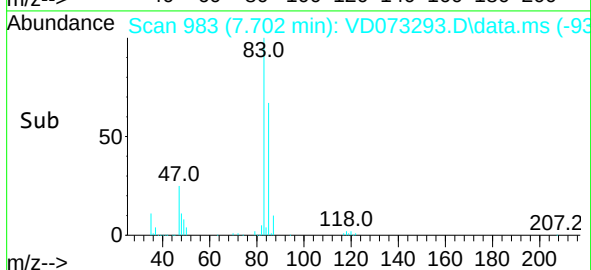
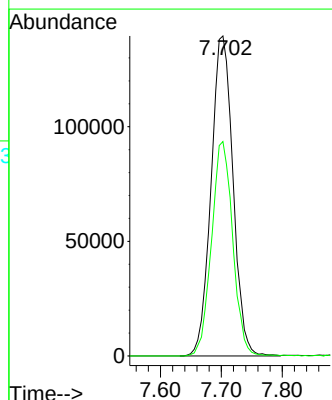
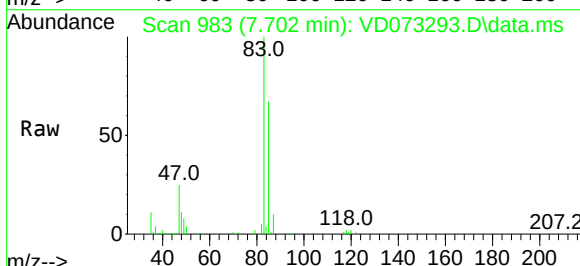
Acq: 23 May 2022 20:10

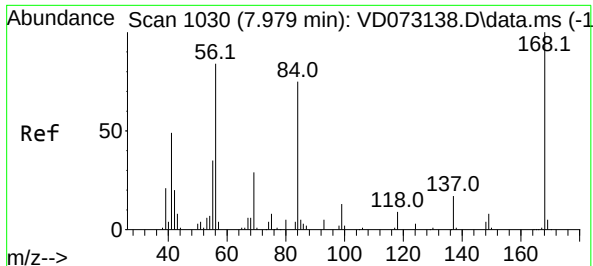
Tgt Ion: 83 Resp: 348989

Ion Ratio Lower Upper

83 100

85 67.0 52.7 79.1





#31

Cyclohexane

Concen: 42.044 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD073293.D

Acq: 23 May 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

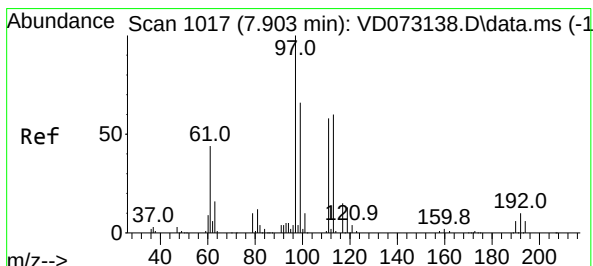
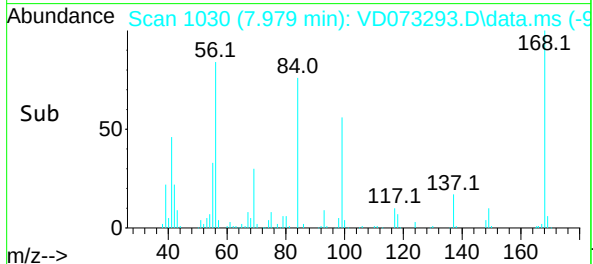
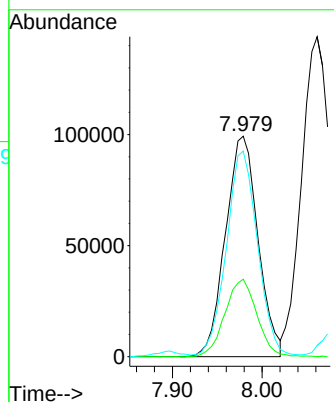
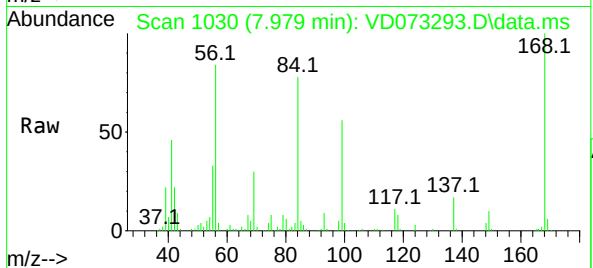
Tgt Ion: 56 Resp: 250011

Ion Ratio Lower Upper

56 100

69 35.1 25.4 38.2

84 92.0 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 46.955 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD073293.D

Acq: 23 May 2022 20:10

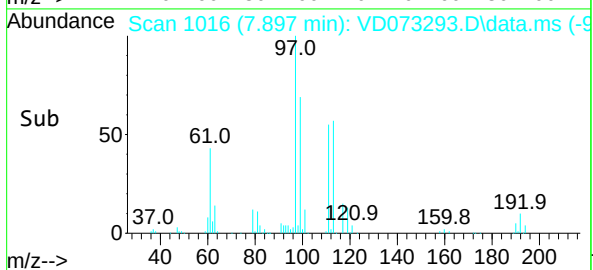
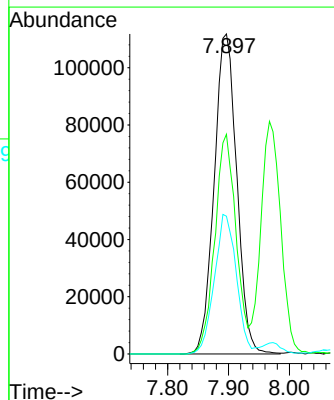
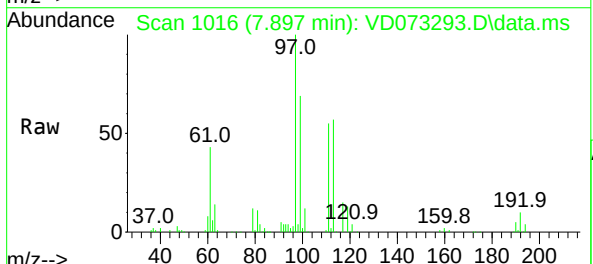
Tgt Ion: 97 Resp: 288149

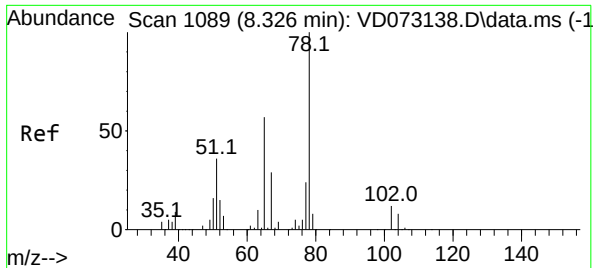
Ion Ratio Lower Upper

97 100

99 64.5 52.4 78.6

61 42.5 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 52.537 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073293.D

Acq: 23 May 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

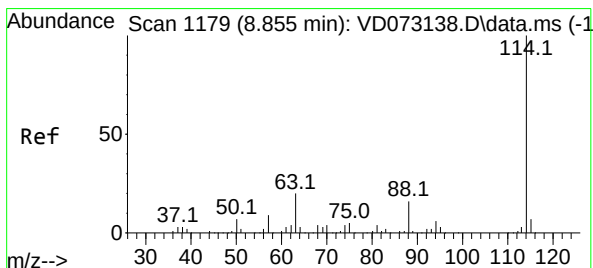
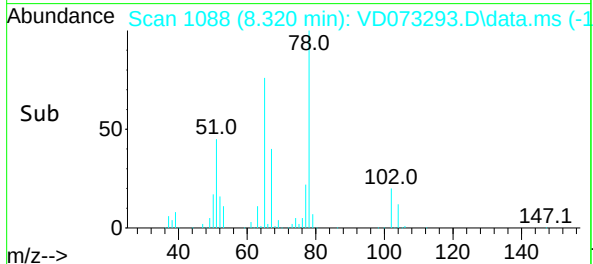
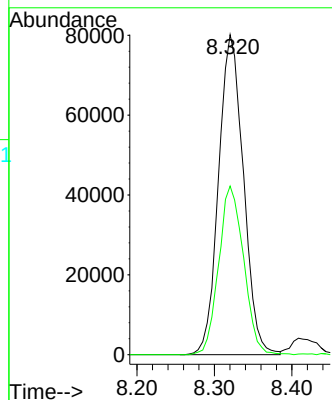
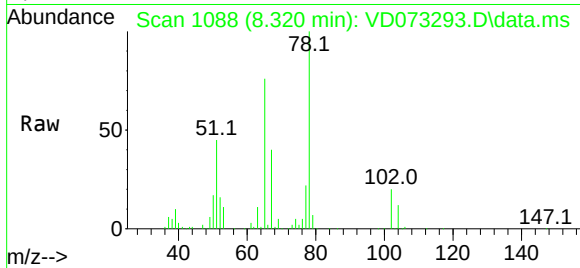
VSTDCCC050EC

Tgt Ion: 65 Resp: 178771

Ion Ratio Lower Upper

65 100

67 52.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073293.D

Acq: 23 May 2022 20:10

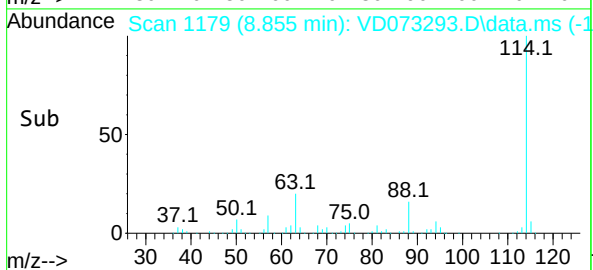
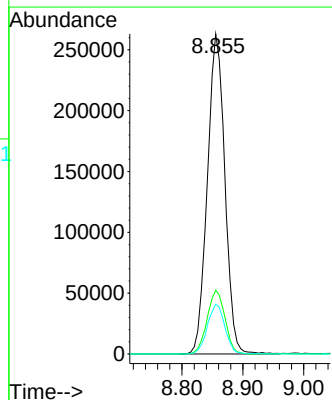
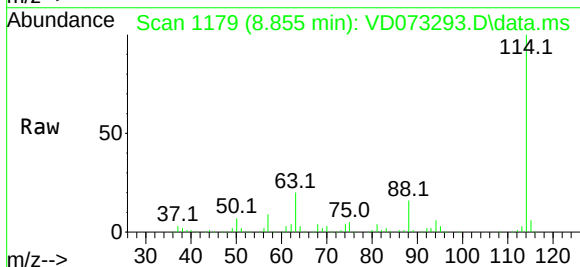
Tgt Ion: 114 Resp: 525336

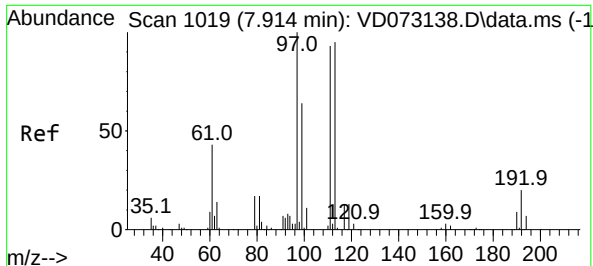
Ion Ratio Lower Upper

114 100

63 19.9 0.0 46.6

88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.392 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073293.D

Acq: 23 May 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

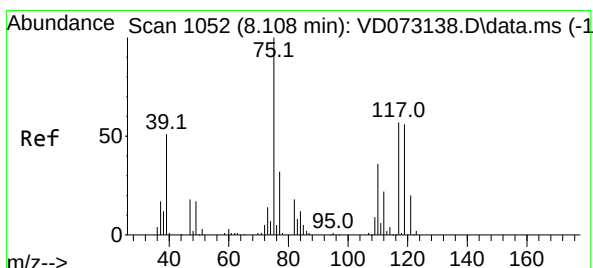
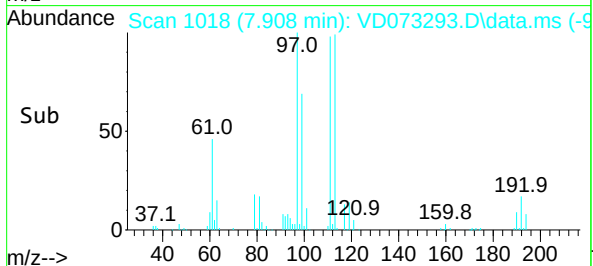
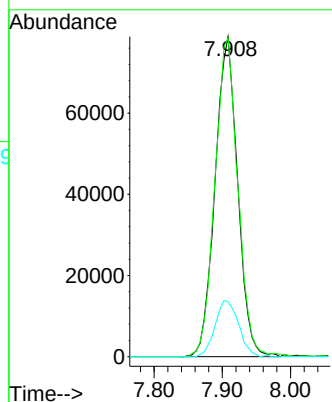
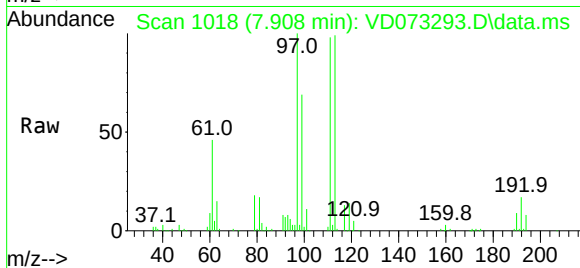
Tgt Ion:113 Resp: 181617

Ion Ratio Lower Upper

113 100

111 101.5 83.8 125.6

192 18.3 14.6 21.8



#36

1,1-Dichloropropene

Concen: 45.385 ug/l

RT: 8.102 min Scan# 1051

Delta R.T. -0.006 min

Lab File: VD073293.D

Acq: 23 May 2022 20:10

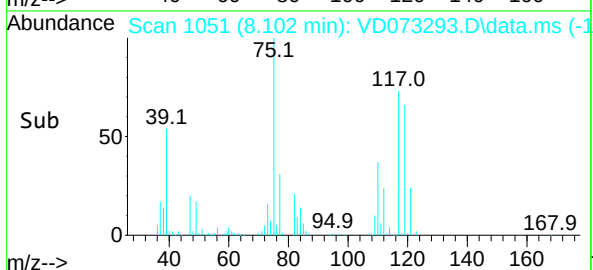
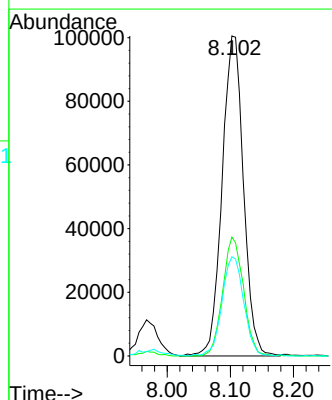
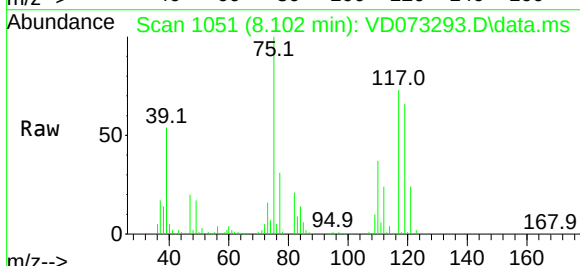
Tgt Ion: 75 Resp: 236620

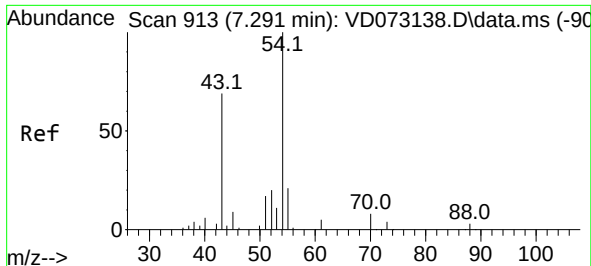
Ion Ratio Lower Upper

75 100

110 36.1 16.4 49.1

77 31.5 24.2 36.2





#37

Ethyl Acetate

Concen: 57.307 ug/l

RT: 7.285 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073293.D

Acq: 23 May 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

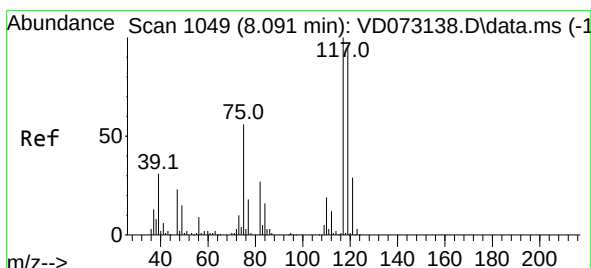
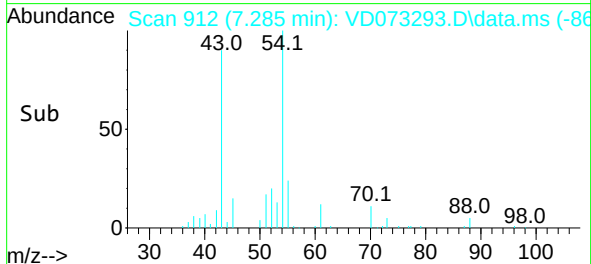
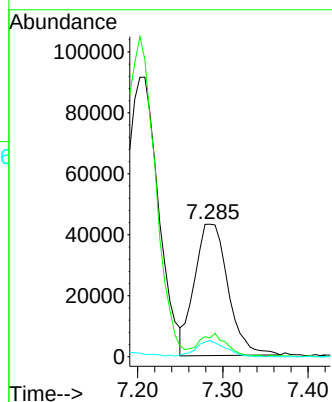
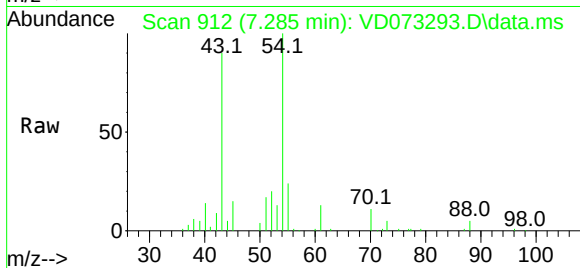
Tgt Ion: 43 Resp: 118015

Ion Ratio Lower Upper

43 100

61 14.9 9.8 14.8#

70 10.6 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 47.482 ug/l

RT: 8.085 min Scan# 1048

Delta R.T. -0.006 min

Lab File: VD073293.D

Acq: 23 May 2022 20:10

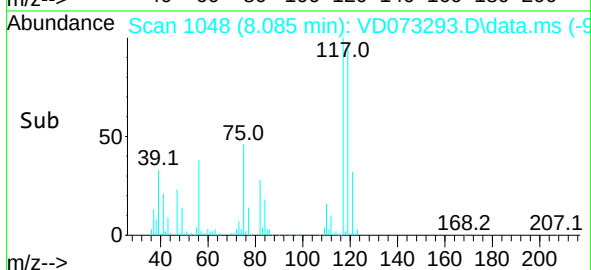
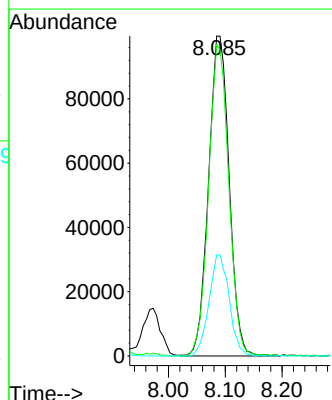
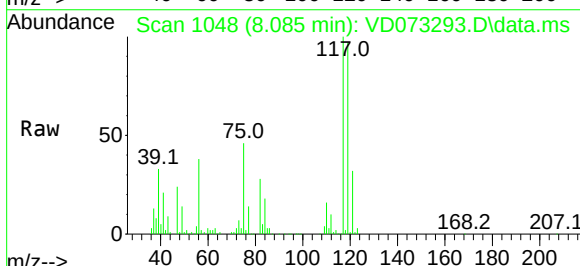
Tgt Ion: 117 Resp: 250934

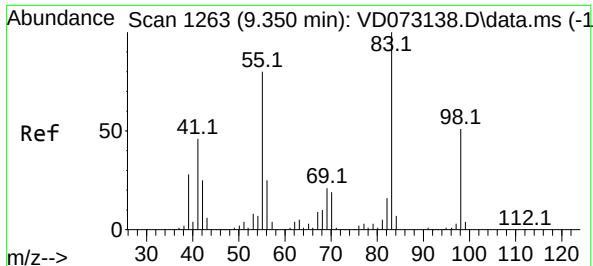
Ion Ratio Lower Upper

117 100

119 97.1 75.8 113.6

121 31.6 24.5 36.7





#39

Methylcyclohexane

Concen: 45.006 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD073293.D

Acq: 23 May 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

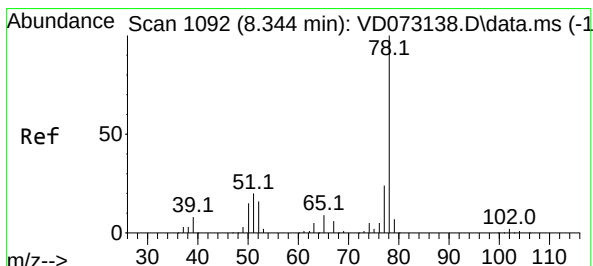
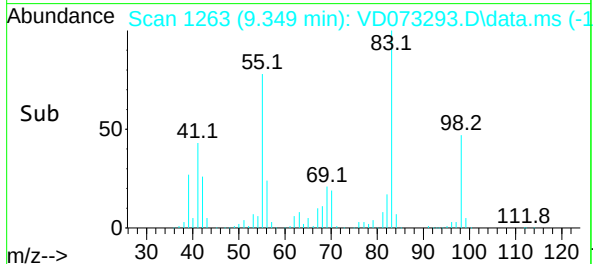
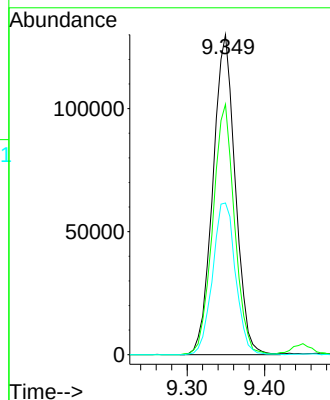
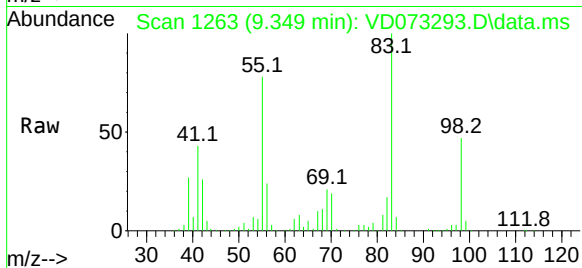
Tgt Ion: 83 Resp: 261496

Ion Ratio Lower Upper

83 100

55 78.3 63.2 94.8

98 47.4 38.2 57.4



#40

Benzene

Concen: 47.692 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073293.D

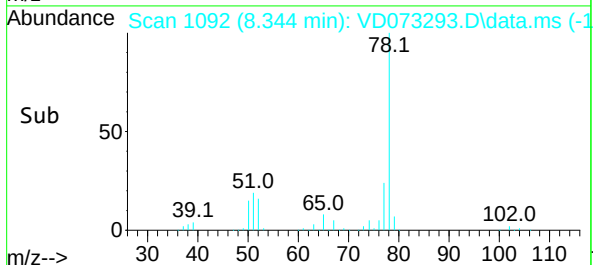
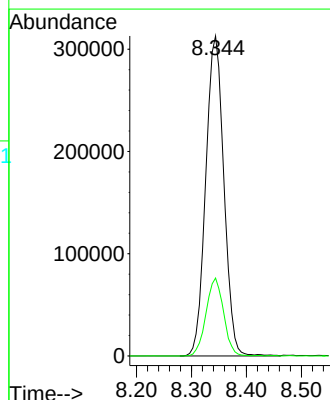
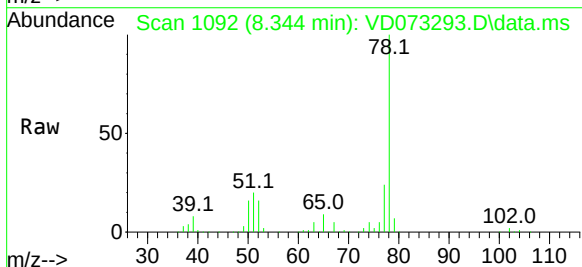
Acq: 23 May 2022 20:10

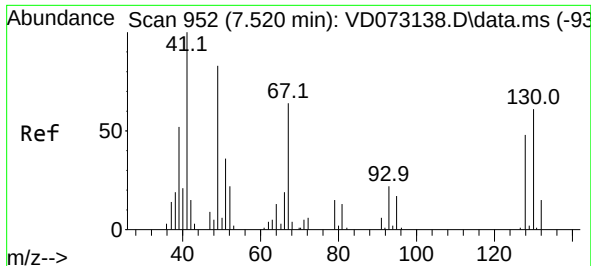
Tgt Ion: 78 Resp: 716598

Ion Ratio Lower Upper

78 100

77 24.4 19.1 28.7

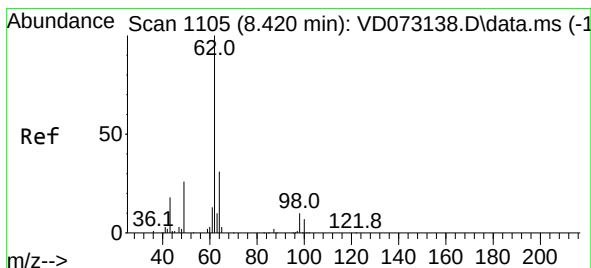
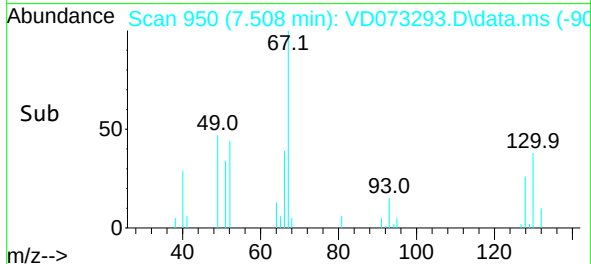
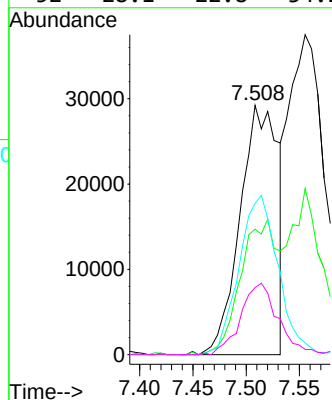
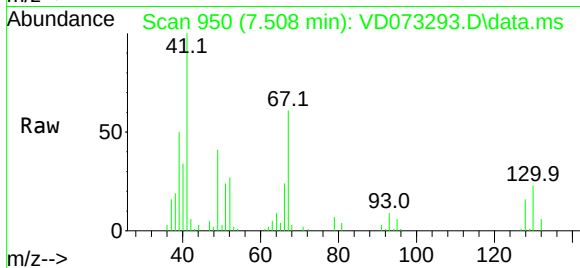




#41
Methacrylonitrile
Concen: 60.550 ug/l
RT: 7.508 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

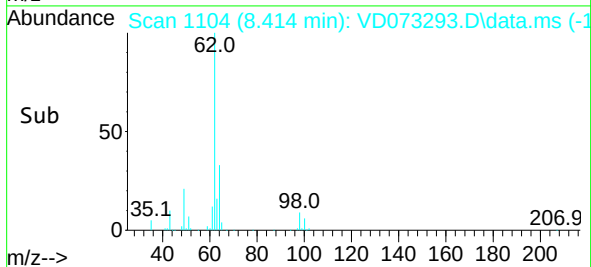
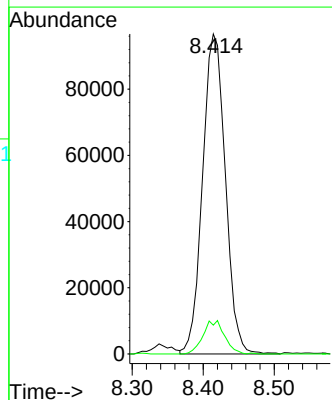
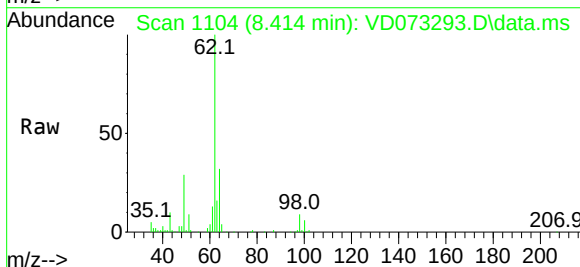
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

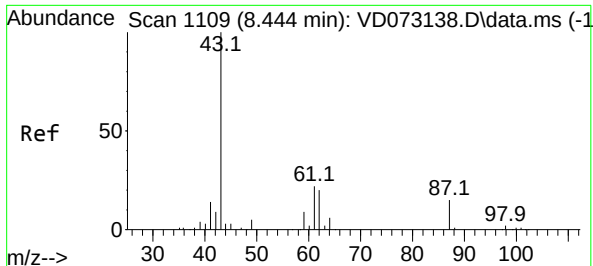
Tgt Ion:	41	Resp:	72650
Ion	Ratio	Lower	Upper
41	100		
39	52.8	44.6	67.0
67	65.7	48.2	72.4
52	28.1	22.8	34.2



#42
1,2-Dichloroethane
Concen: 51.660 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

Tgt Ion:	62	Resp:	215982
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	17.6

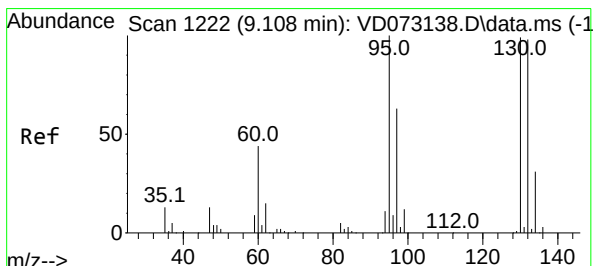
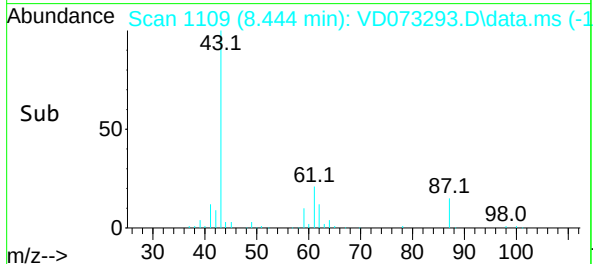
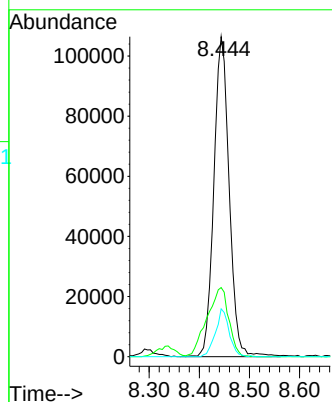
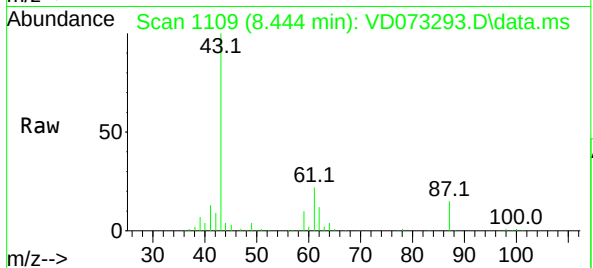




#43
Isopropyl Acetate
Concen: 59.345 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

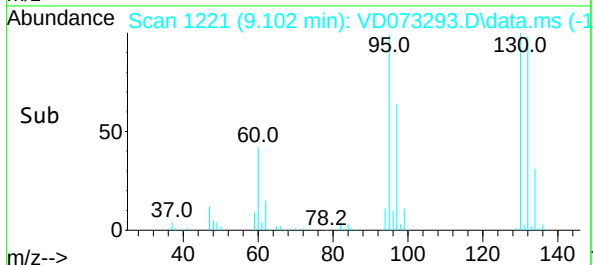
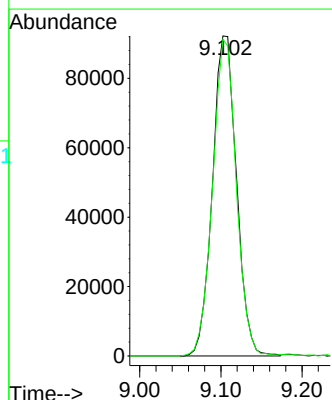
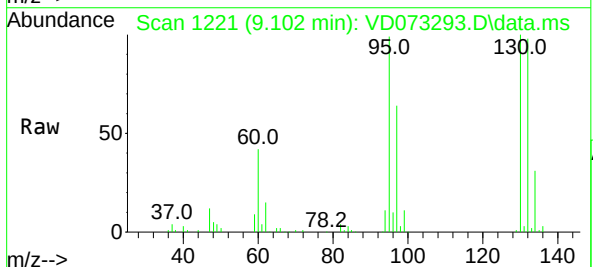
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

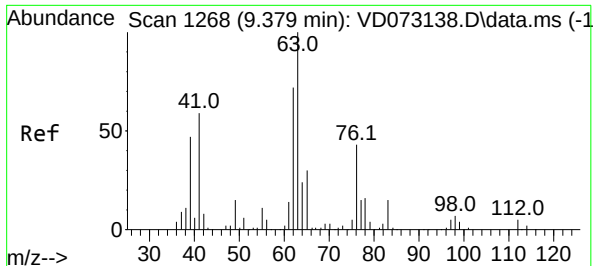
Tgt Ion: 43 Resp: 225890
Ion Ratio Lower Upper
43 100
61 30.7 22.4 33.6
87 13.3 8.7 13.1#



#44
Trichloroethene
Concen: 47.425 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

Tgt Ion:130 Resp: 190025
Ion Ratio Lower Upper
130 100
95 98.9 0.0 205.4





#45

1,2-Dichloropropane

Concen: 51.496 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073293.D

Acq: 23 May 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

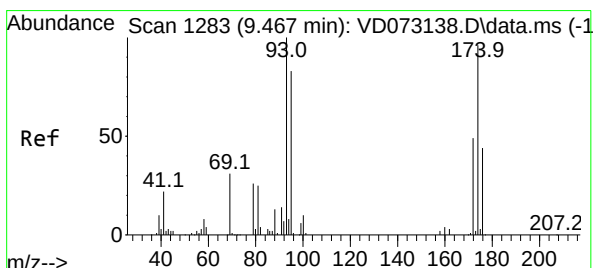
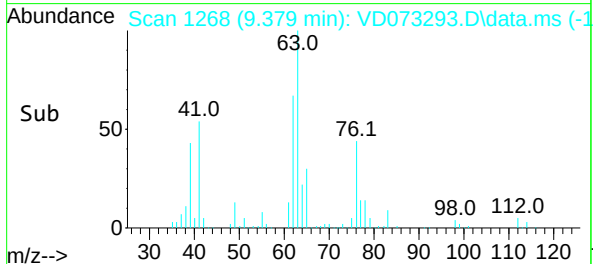
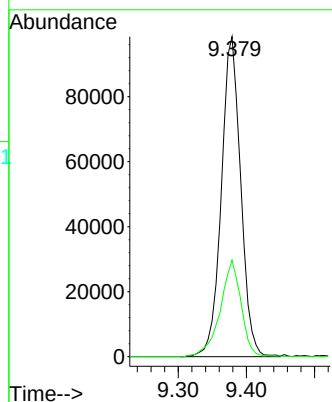
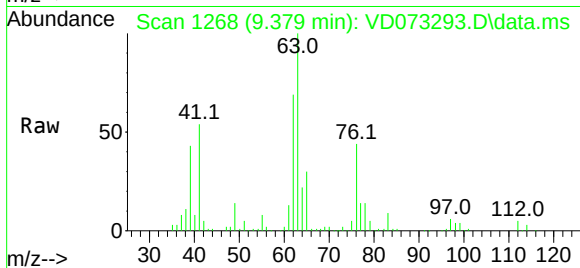
VSTDCCC050EC

Tgt Ion: 63 Resp: 194863

Ion Ratio Lower Upper

63 100

65 30.1 26.2 39.4



#46

Dibromomethane

Concen: 52.714 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073293.D

Acq: 23 May 2022 20:10

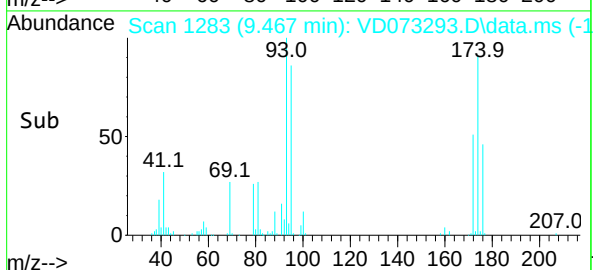
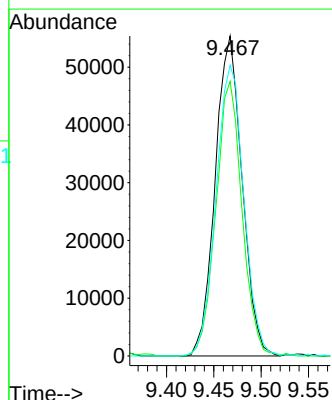
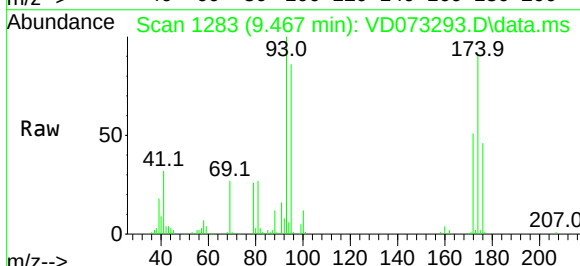
Tgt Ion: 93 Resp: 109552

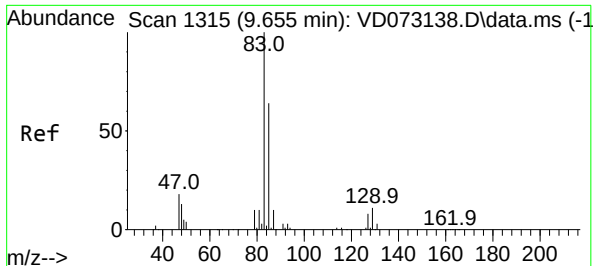
Ion Ratio Lower Upper

93 100

95 83.1 66.7 100.1

174 94.1 71.6 107.4

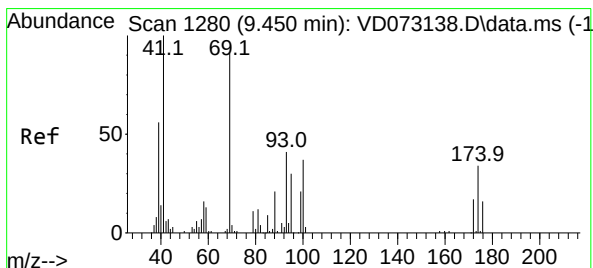
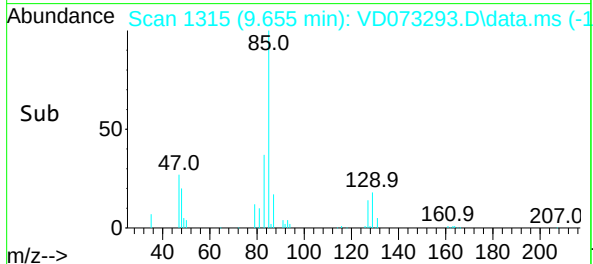
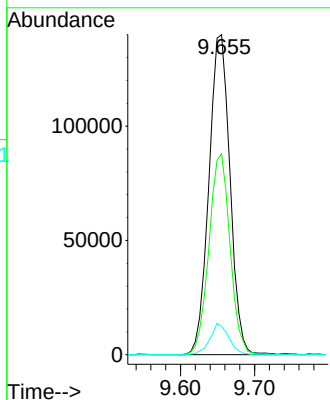
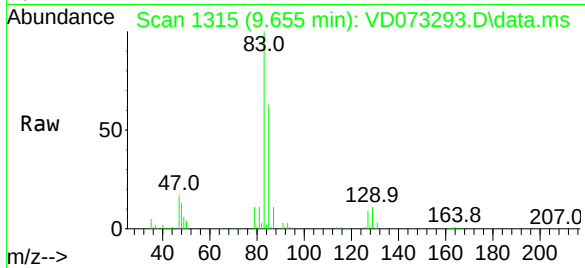




#47
Bromodichloromethane
Concen: 52.047 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

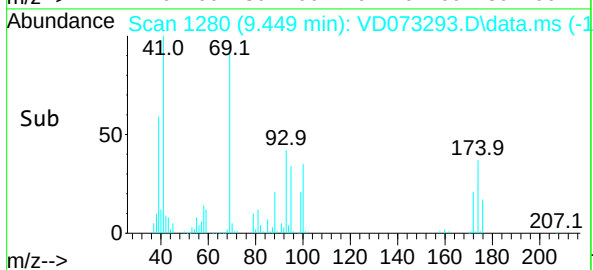
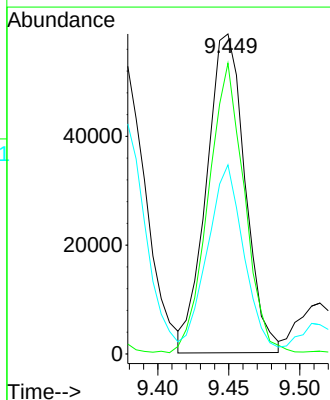
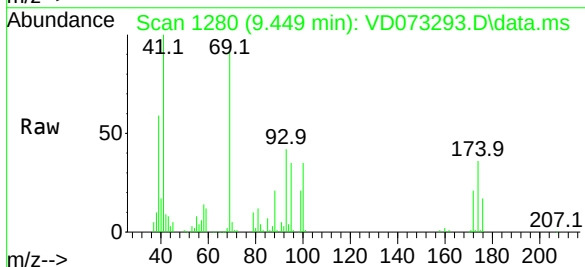
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

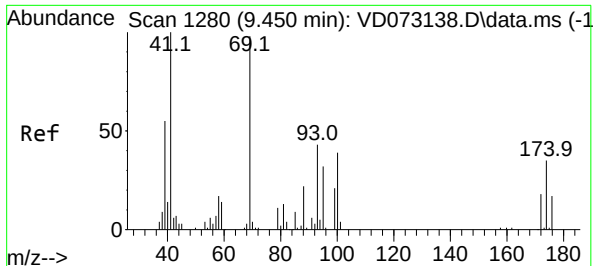
Tgt Ion: 83 Resp: 276765
Ion Ratio Lower Upper
83 100
85 62.7 51.4 77.0
127 8.9 6.1 9.1



#48
Methyl methacrylate
Concen: 57.856 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.001 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

Tgt Ion: 41 Resp: 110797
Ion Ratio Lower Upper
41 100
69 84.6 56.7 85.1
39 56.9 42.7 64.1





#49

1,4-Dioxane

Concen: 1241.720 ug/l

RT: 9.455 min Scan# 11

Delta R.T. 0.005 min

Lab File: VD073293.D

Acq: 23 May 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

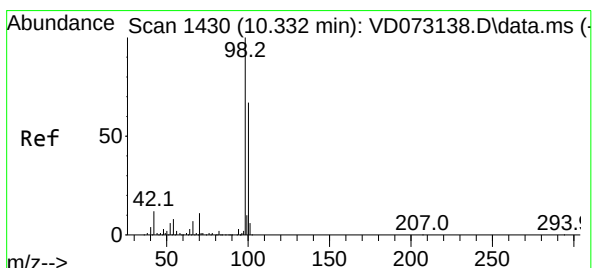
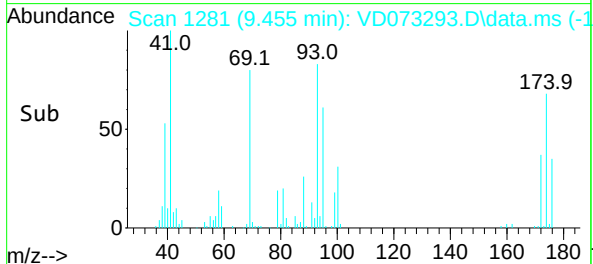
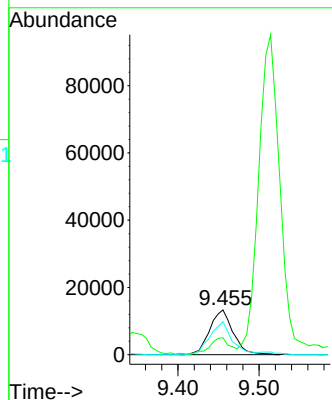
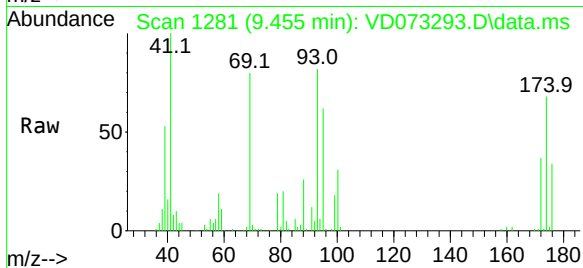
Tgt Ion: 88 Resp: 26650

Ion Ratio Lower Upper

88 100

43 33.5 31.0 46.4

58 69.5 58.1 87.1



#50

Toluene-d8

Concen: 51.479 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073293.D

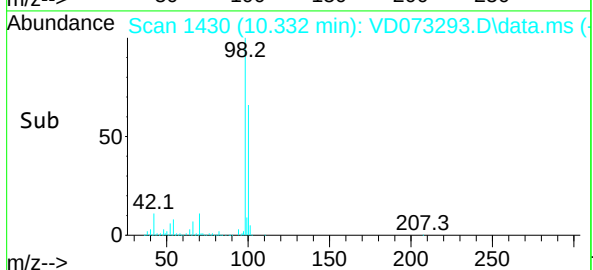
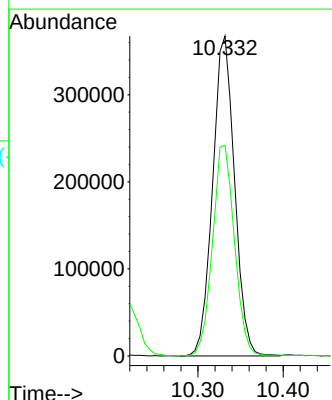
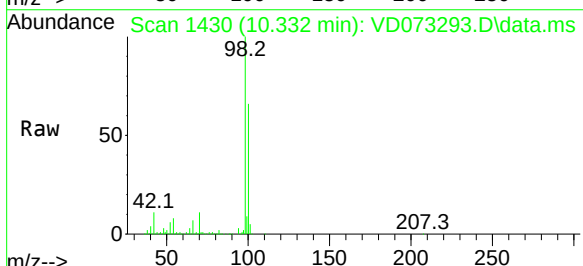
Acq: 23 May 2022 20:10

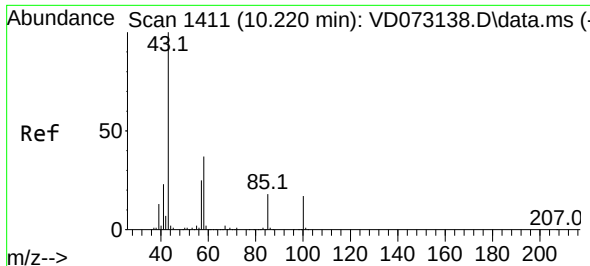
Tgt Ion: 98 Resp: 657823

Ion Ratio Lower Upper

98 100

100 66.0 52.4 78.6

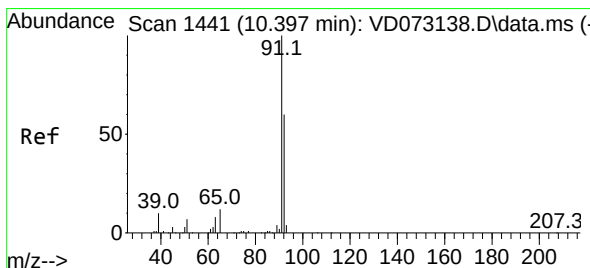
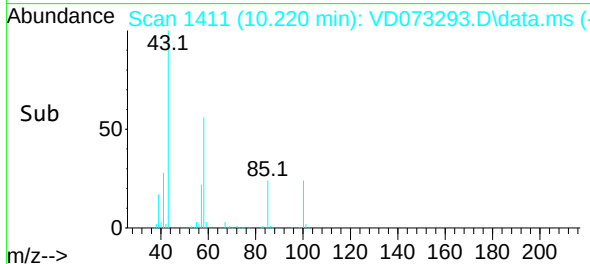
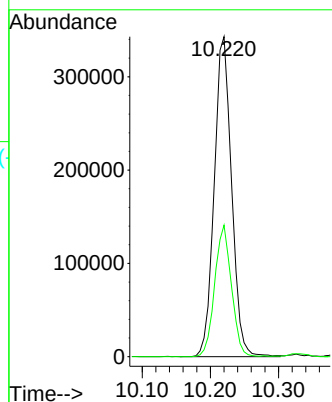
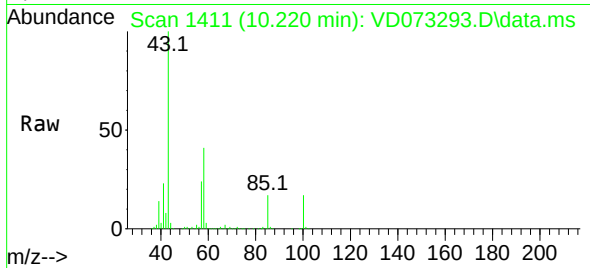




#51
4-Methyl-2-Pentanone
Concen: 307.923 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

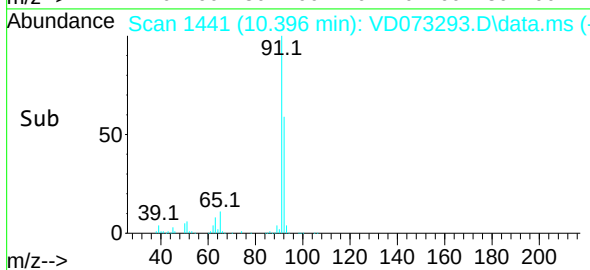
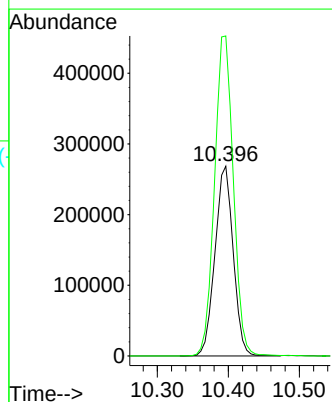
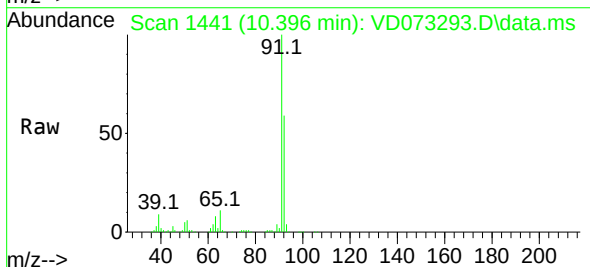
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

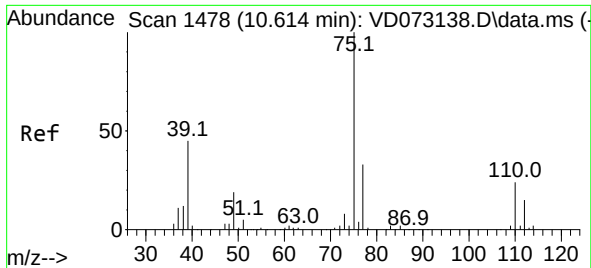
Tgt Ion: 43 Resp: 608755
Ion Ratio Lower Upper
43 100
58 39.6 28.6 43.0



#52
Toluene
Concen: 50.367 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

Tgt Ion: 92 Resp: 478229
Ion Ratio Lower Upper
92 100
91 173.8 139.6 209.4

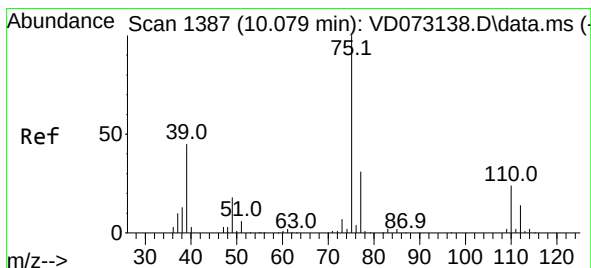
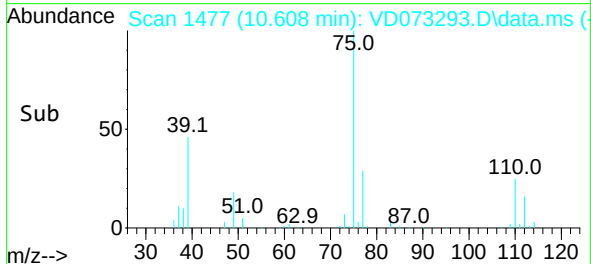
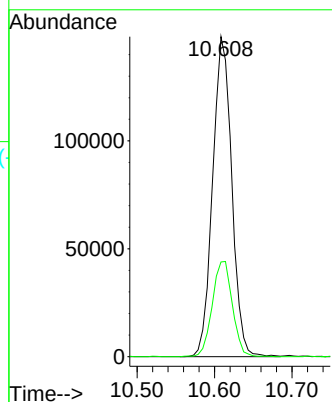
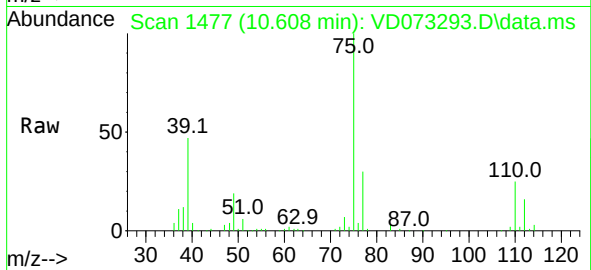




#53
 t-1,3-Dichloropropene
 Concen: 52.917 ug/l
 RT: 10.608 min Scan# 1477
 Delta R.T. -0.006 min
 Lab File: VD073293.D
 Acq: 23 May 2022 20:10

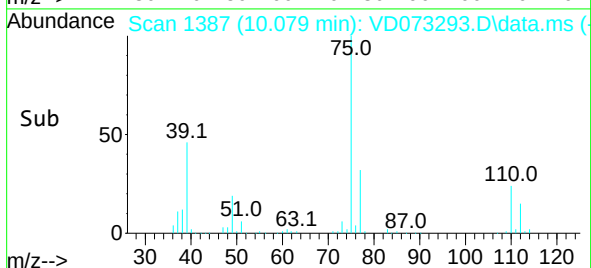
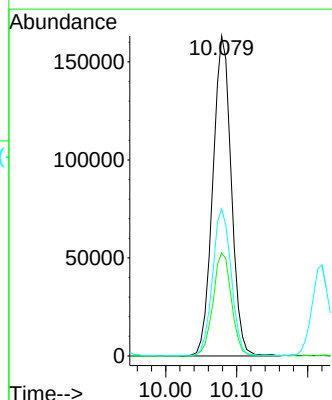
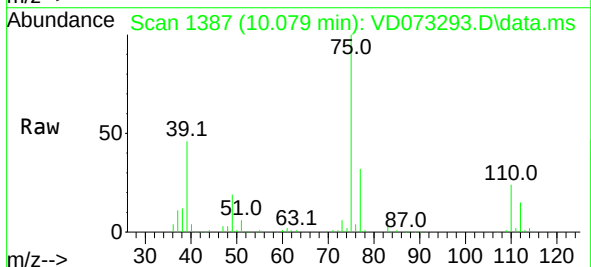
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

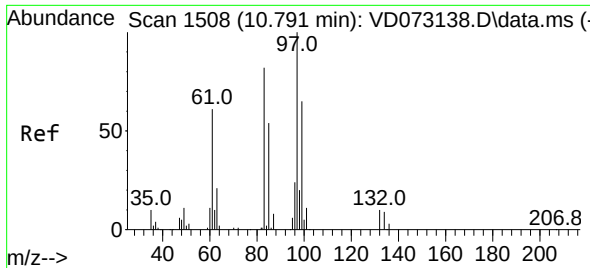
Tgt Ion: 75 Resp: 254214
 Ion Ratio Lower Upper
 75 100
 77 29.6 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 51.163 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. -0.000 min
 Lab File: VD073293.D
 Acq: 23 May 2022 20:10

Tgt Ion: 75 Resp: 294135
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.8 37.2
 39 45.9 46.8 70.2#

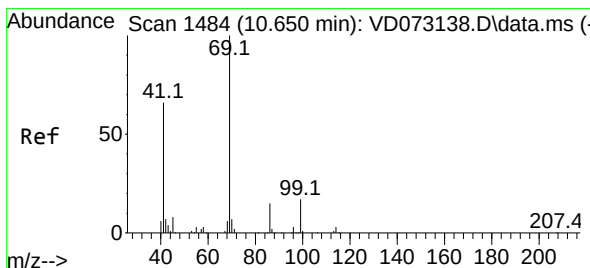
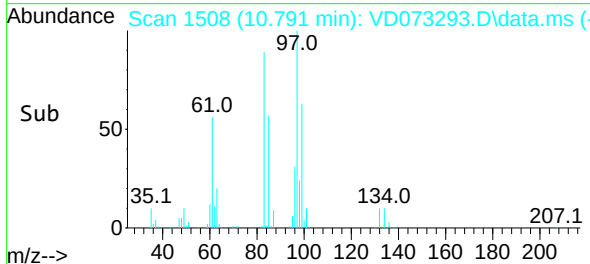
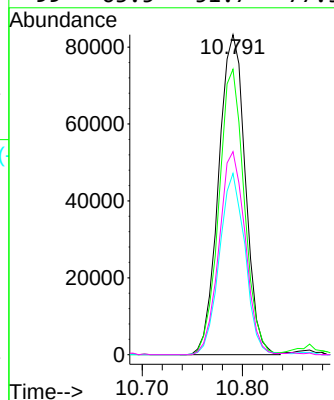
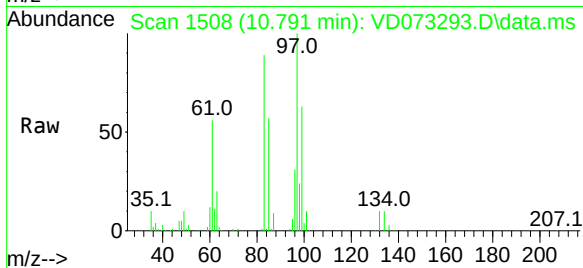




#55
 1,1,2-Trichloroethane
 Concen: 54.676 ug/l
 RT: 10.791 min Scan# 1508
 Delta R.T. -0.000 min
 Lab File: VD073293.D
 Acq: 23 May 2022 20:10

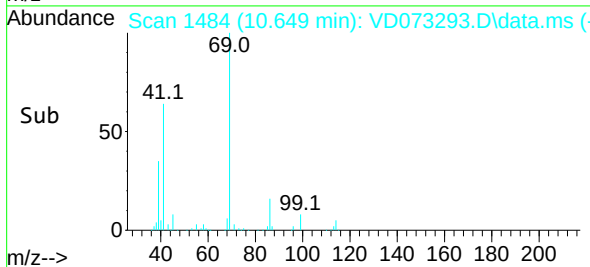
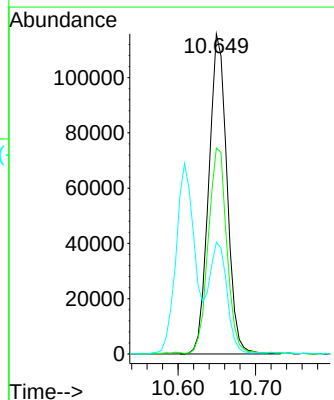
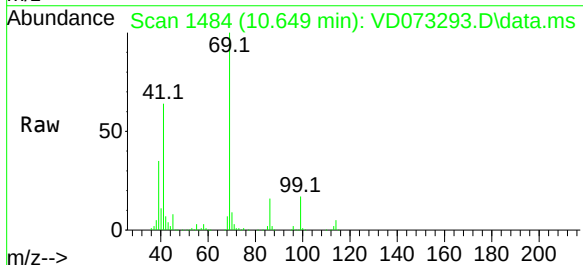
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

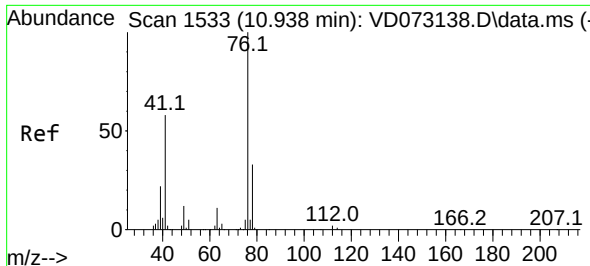
Tgt Ion:	97	Resp:	153658
Ion	Ratio	Lower	Upper
97	100		
83	89.2	69.0	103.4
85	56.6	42.6	63.8
99	63.5	51.7	77.5



#56
 Ethyl methacrylate
 Concen: 60.394 ug/l
 RT: 10.649 min Scan# 1484
 Delta R.T. -0.001 min
 Lab File: VD073293.D
 Acq: 23 May 2022 20:10

Tgt Ion:	69	Resp:	188712
Ion	Ratio	Lower	Upper
69	100		
41	65.1	63.0	94.6
39	33.5	33.8	50.8

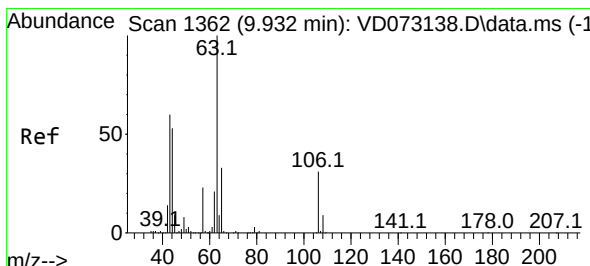
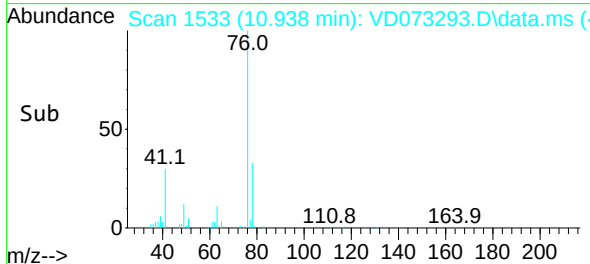
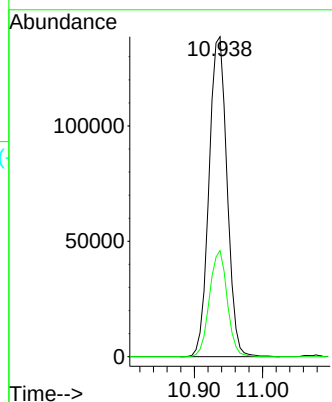
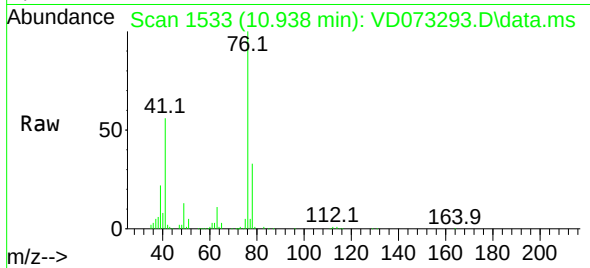




#57
1,3-Dichloropropane
Concen: 54.038 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

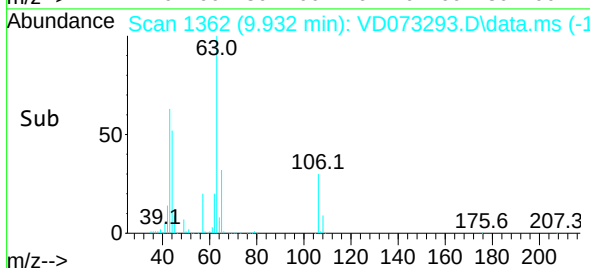
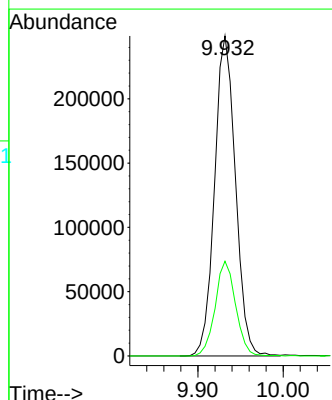
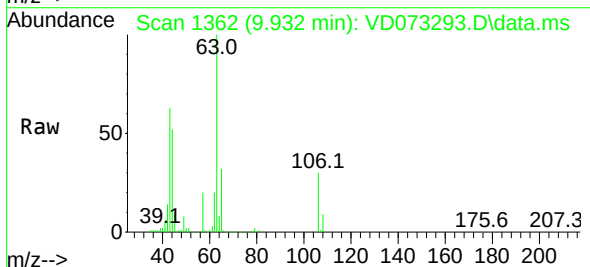
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

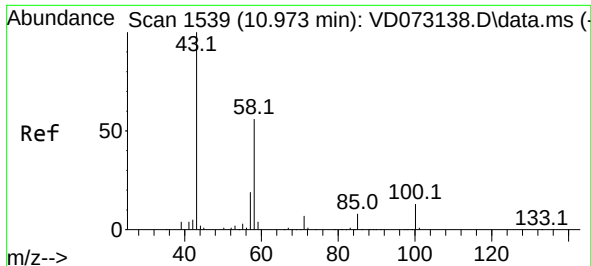
Tgt Ion: 76 Resp: 254818
Ion Ratio Lower Upper
76 100
78 32.6 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 282.427 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

Tgt Ion: 63 Resp: 423831
Ion Ratio Lower Upper
63 100
106 29.0 21.4 32.0

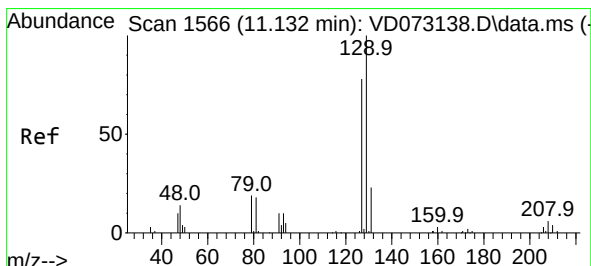
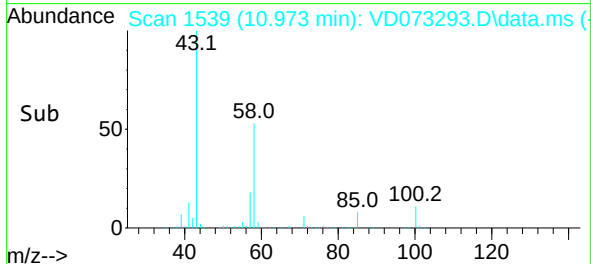
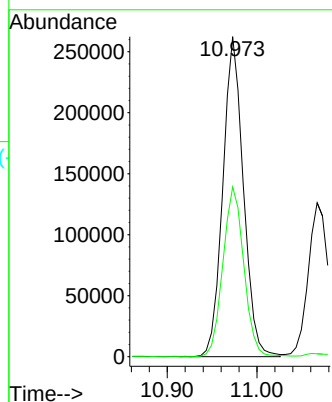
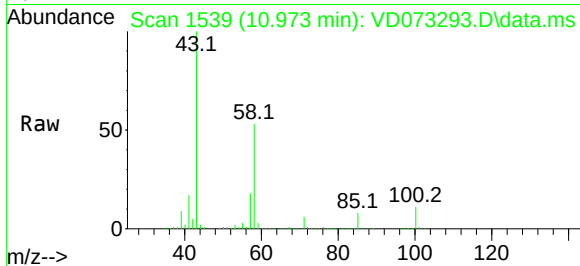




#59
2-Hexanone
Concen: 319.853 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

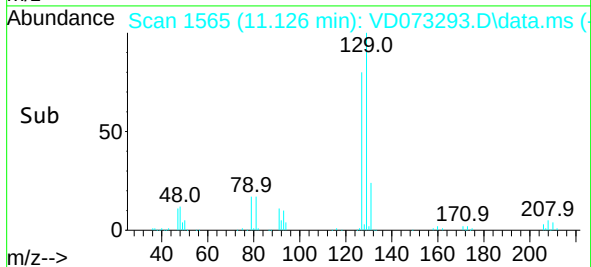
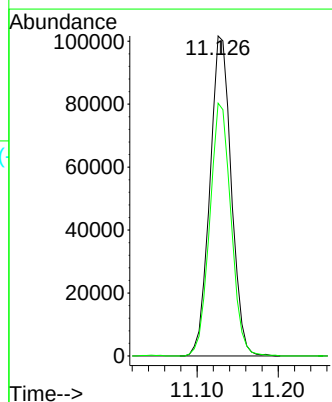
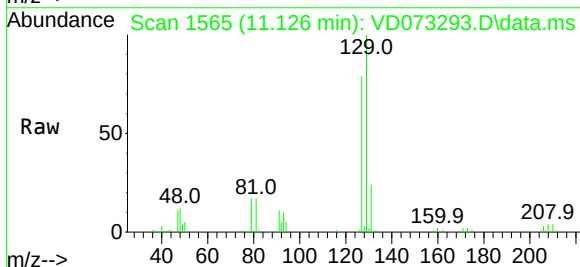
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

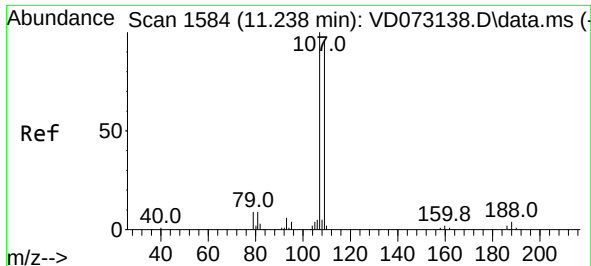
Tgt Ion: 43 Resp: 416893
Ion Ratio Lower Upper
43 100
58 53.9 25.3 75.9



#60
Dibromochloromethane
Concen: 53.090 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

Tgt Ion: 129 Resp: 186043
Ion Ratio Lower Upper
129 100
127 78.6 39.2 117.6

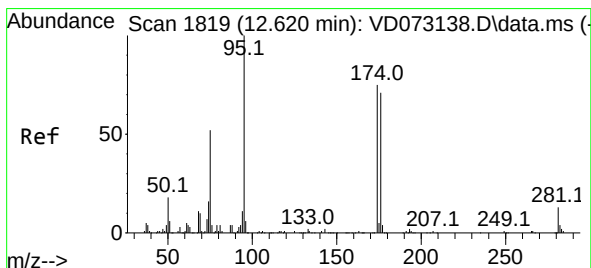
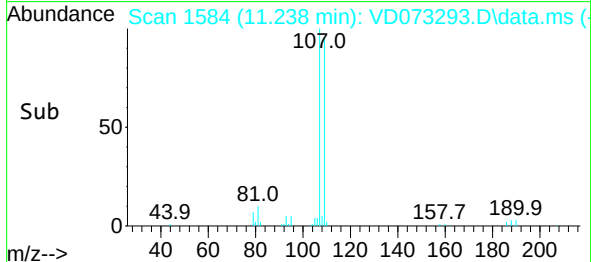
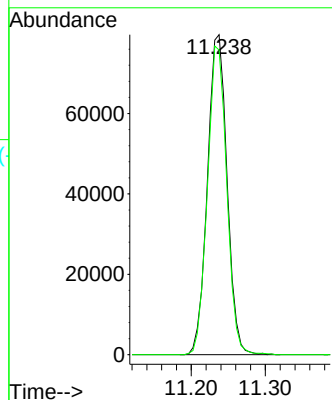
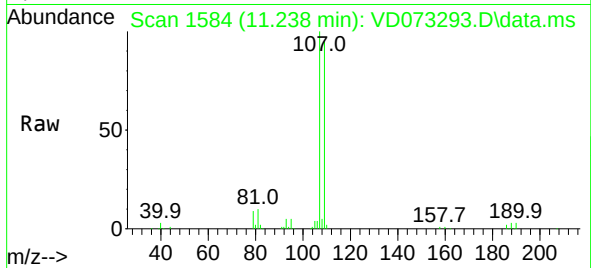




#61
1,2-Dibromoethane
Concen: 54.559 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

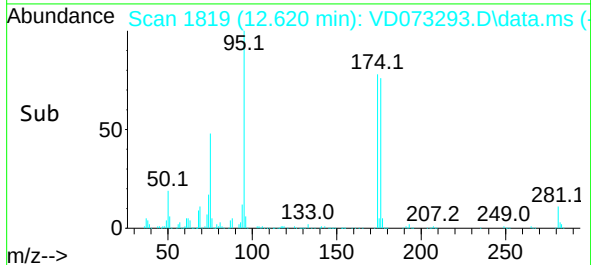
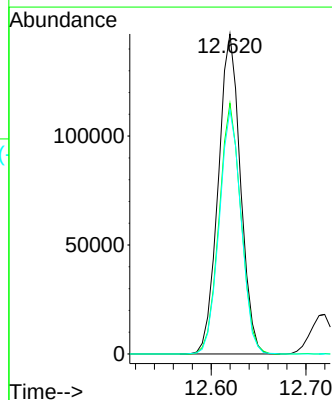
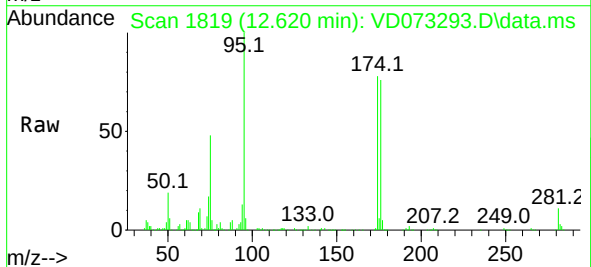
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

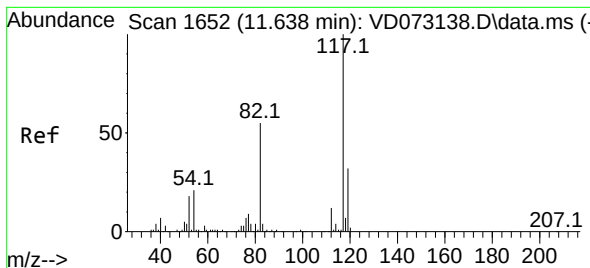
Tgt Ion:107 Resp: 146517
Ion Ratio Lower Upper
107 100
109 94.8 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 53.382 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

Tgt Ion: 95 Resp: 239391
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 74.9 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD073293.D

Acq: 23 May 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

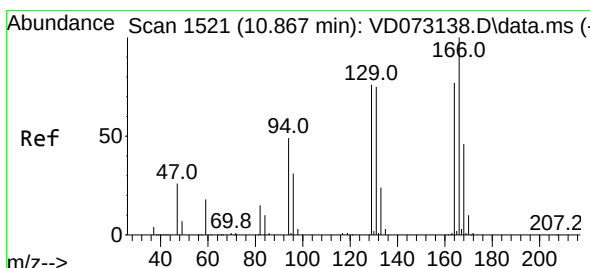
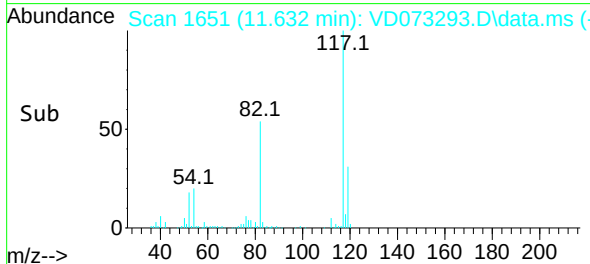
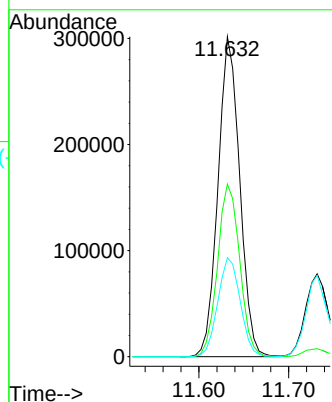
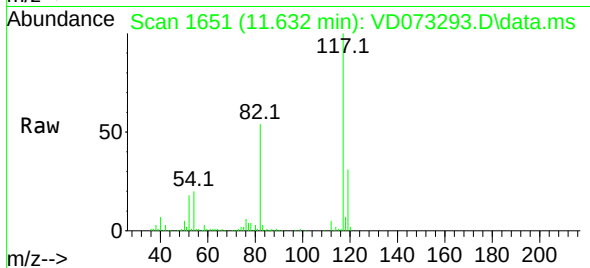
Tgt Ion:117 Resp: 506929

Ion Ratio Lower Upper

117 100

82 54.0 45.3 67.9

119 30.9 26.6 40.0



#64

Tetrachloroethene

Concen: 46.022 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD073293.D

Acq: 23 May 2022 20:10

Tgt Ion:164 Resp: 152806

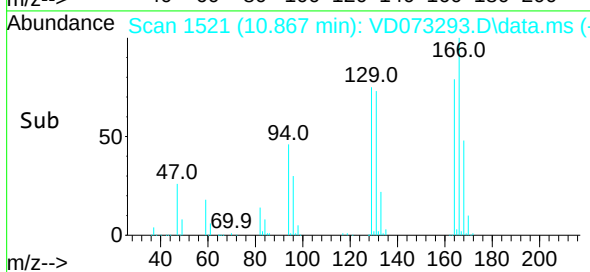
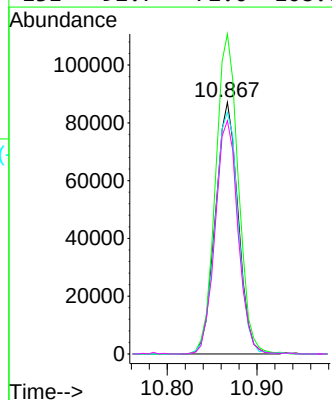
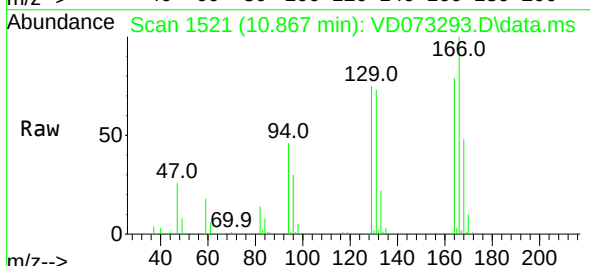
Ion Ratio Lower Upper

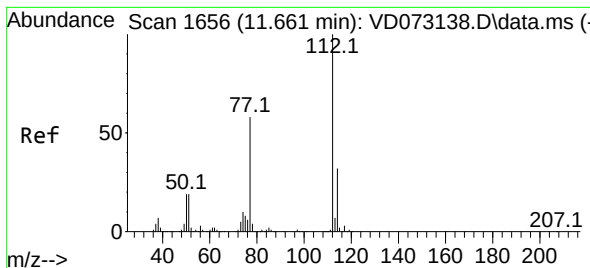
164 100

166 127.1 98.5 147.7

129 96.0 74.6 111.8

131 92.7 72.0 108.0





#65

Chlorobenzene

Concen: 48.234 ug/l

RT: 11.661 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073293.D

Acq: 23 May 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

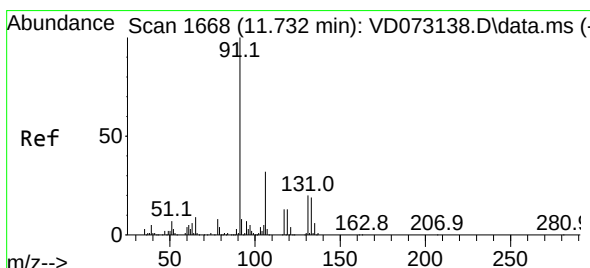
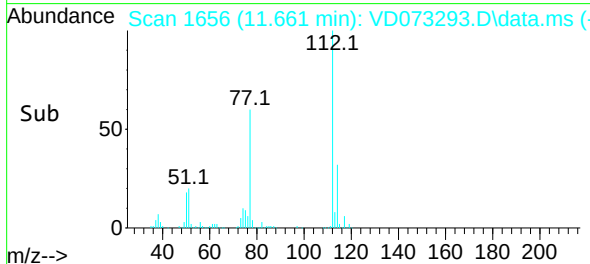
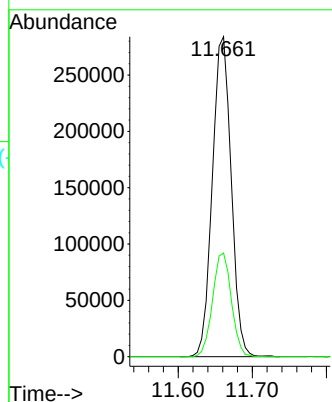
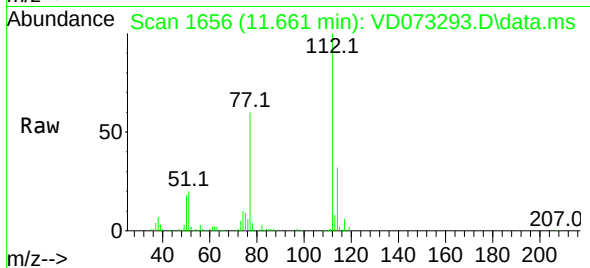
VSTDCCC050EC

Tgt Ion:112 Resp: 501616

Ion Ratio Lower Upper

112 100

114 32.4 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 51.282 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.000 min

Lab File: VD073293.D

Acq: 23 May 2022 20:10

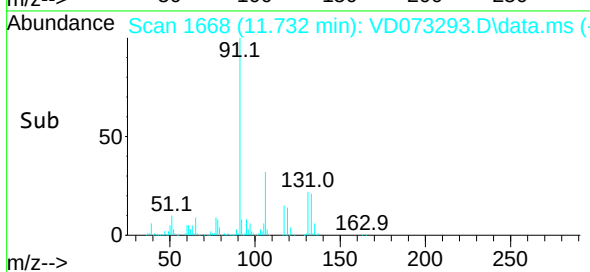
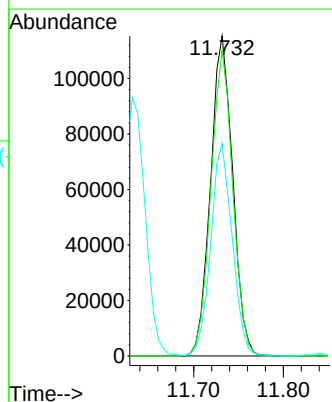
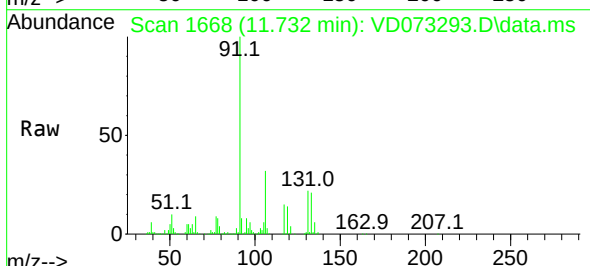
Tgt Ion:131 Resp: 197790

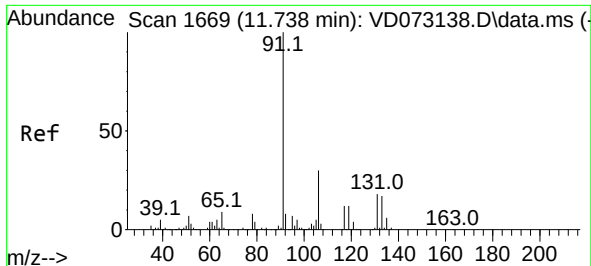
Ion Ratio Lower Upper

131 100

133 94.4 48.1 144.3

119 64.4 31.9 95.9

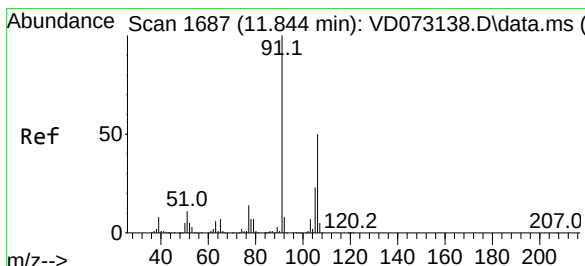
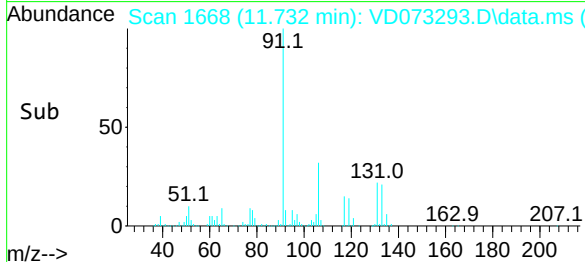
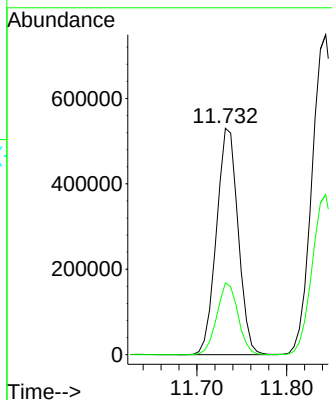
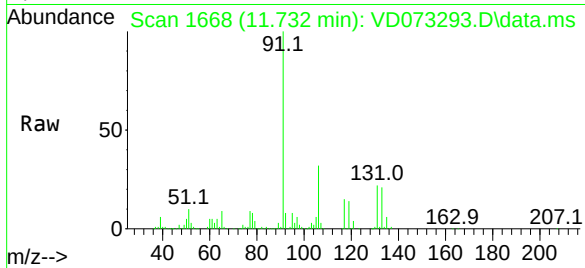




#67
Ethyl Benzene
Concen: 48.714 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

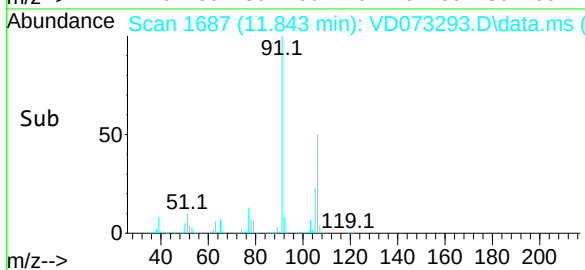
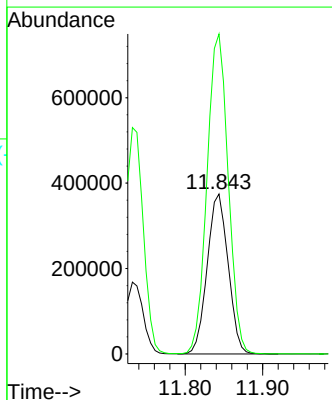
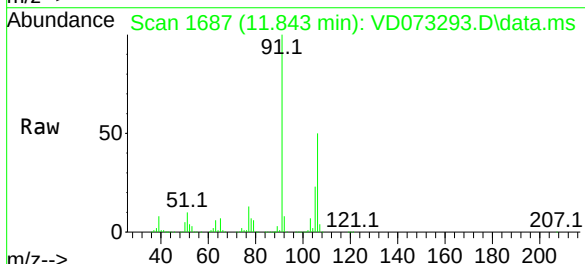
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

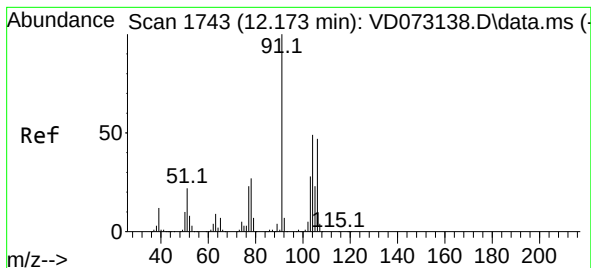
Tgt Ion: 91 Resp: 889317
Ion Ratio Lower Upper
91 100
106 31.7 24.2 36.4



#68
m/p-Xylenes
Concen: 99.349 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

Tgt Ion: 106 Resp: 704655
Ion Ratio Lower Upper
106 100
91 202.1 163.7 245.5





#69

o-Xylene

Concen: 50.764 ug/l

RT: 12.167 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073293.D

Acq: 23 May 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

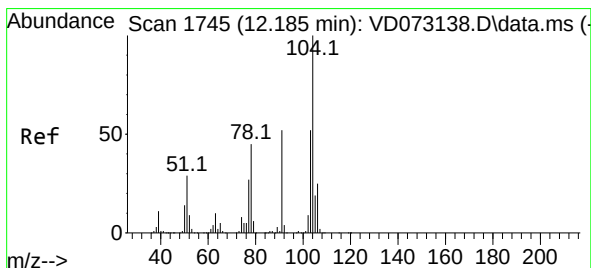
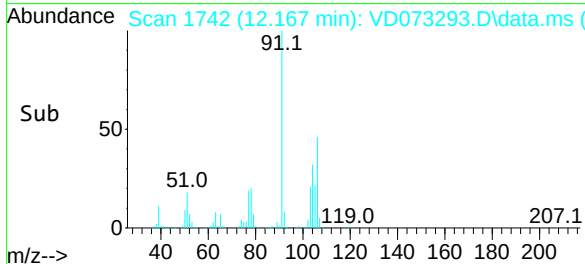
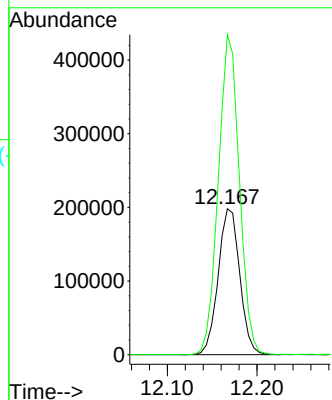
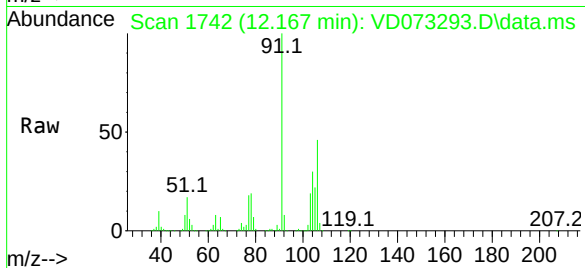
VSTDCCC050EC

Tgt Ion:106 Resp: 330763

Ion Ratio Lower Upper

106 100

91 214.4 110.4 331.2



#70

Styrene

Concen: 53.041 ug/l

RT: 12.179 min Scan# 1744

Delta R.T. -0.006 min

Lab File: VD073293.D

Acq: 23 May 2022 20:10

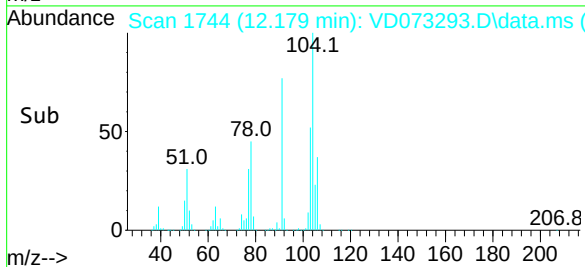
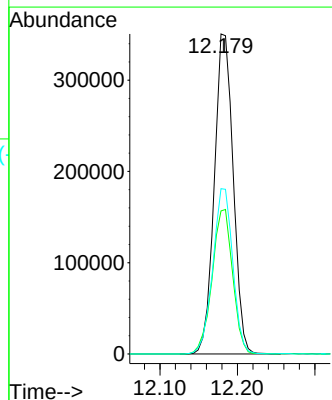
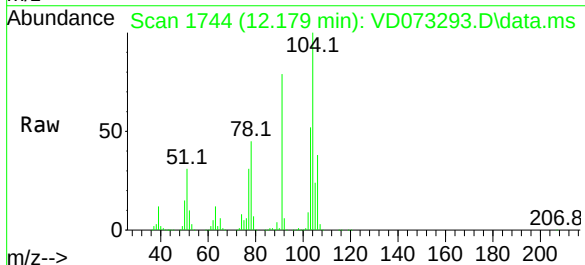
Tgt Ion:104 Resp: 594601

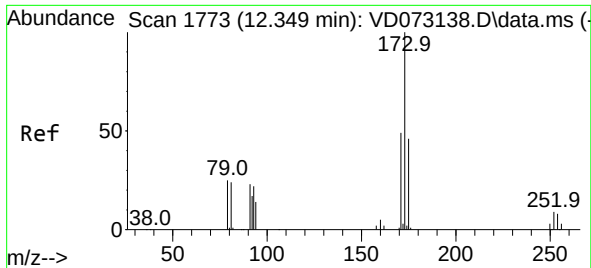
Ion Ratio Lower Upper

104 100

78 49.0 41.8 62.8

103 54.6 44.2 66.4

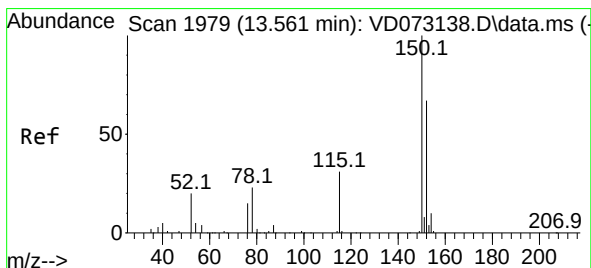
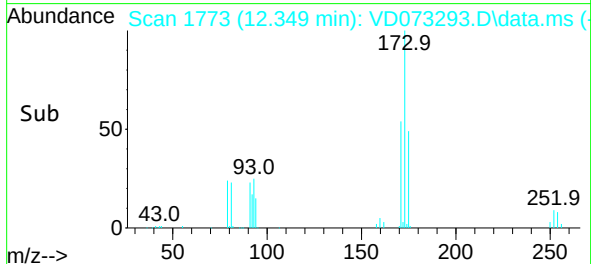
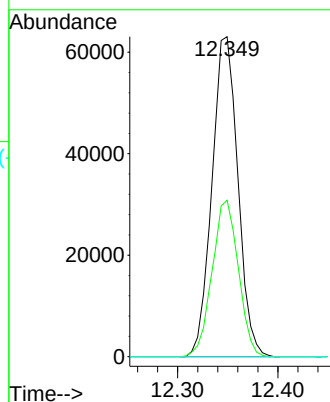
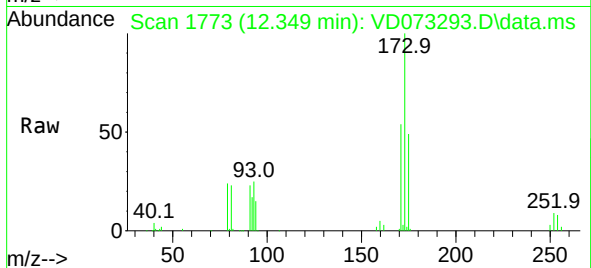




#71
Bromoform
Concen: 56.953 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

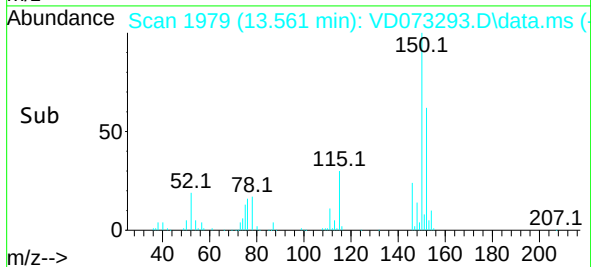
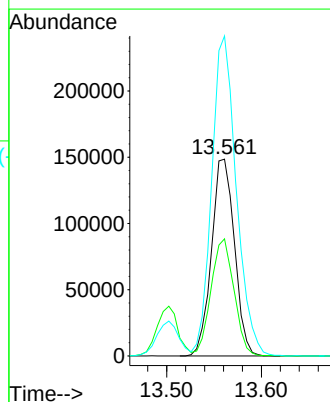
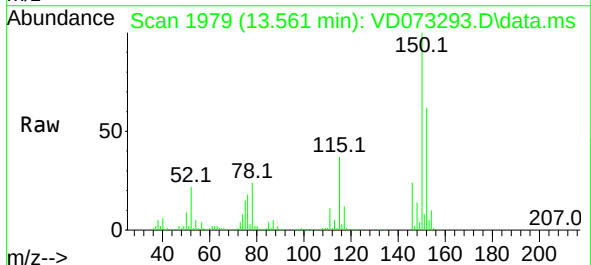
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

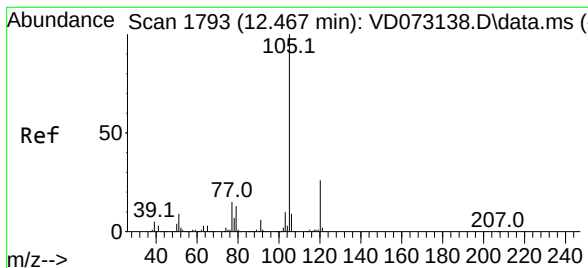
Tgt Ion:173 Resp: 113053
Ion Ratio Lower Upper
173 100
175 49.4 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

Tgt Ion:152 Resp: 250304
Ion Ratio Lower Upper
152 100
115 59.8 31.3 93.8
150 174.3 0.0 348.6





#73

Isopropylbenzene

Concen: 48.323 ug/l

RT: 12.467 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073293.D

Acq: 23 May 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

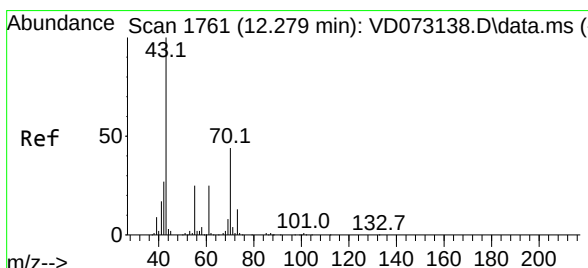
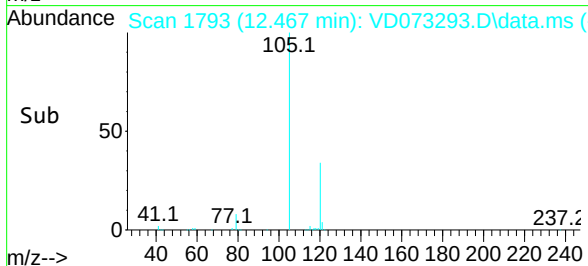
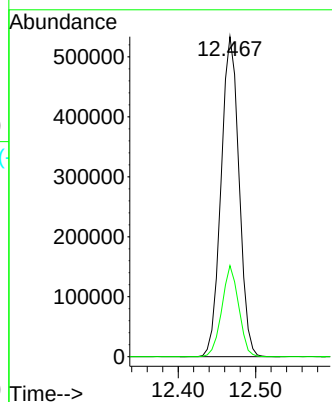
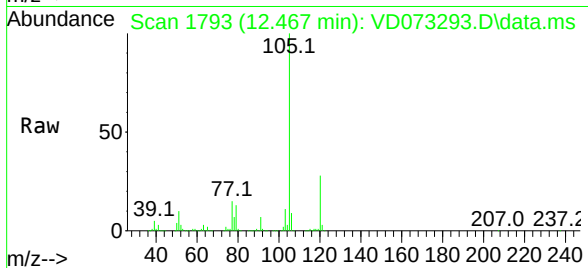
VSTDCCC050EC

Tgt Ion:105 Resp: 862268

Ion Ratio Lower Upper

105 100

120 26.6 13.0 38.9



#74

N-ethyl acetate

Concen: 56.332 ug/l

RT: 12.279 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VD073293.D

Acq: 23 May 2022 20:10

Tgt Ion: 43 Resp: 219283

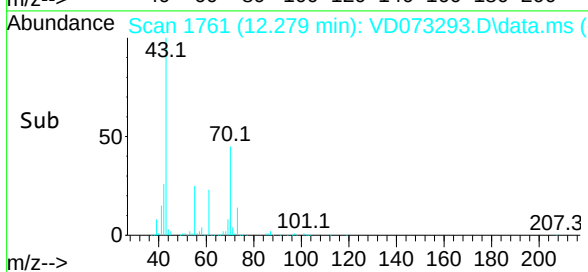
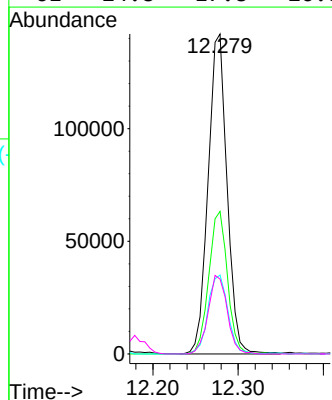
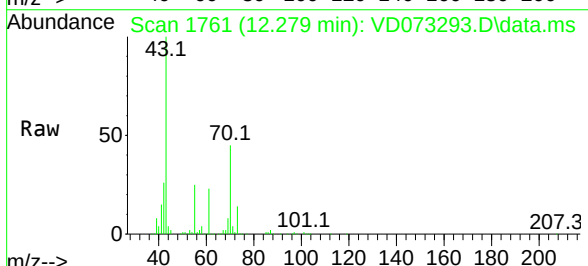
Ion Ratio Lower Upper

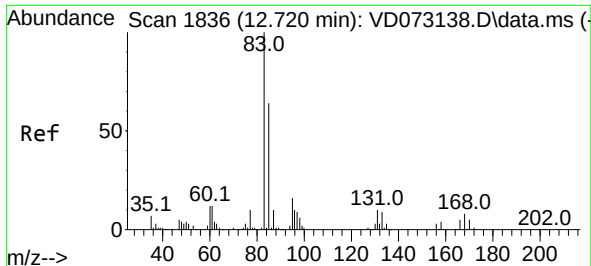
43 100

70 44.1 31.3 46.9

55 25.9 20.0 30.0

61 24.8 17.8 26.8

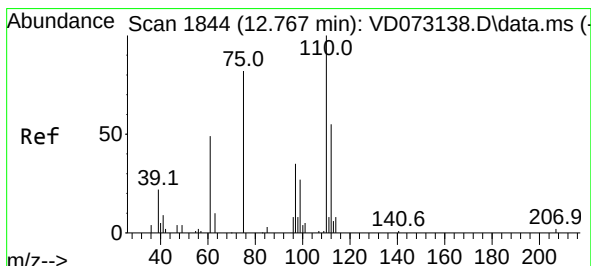
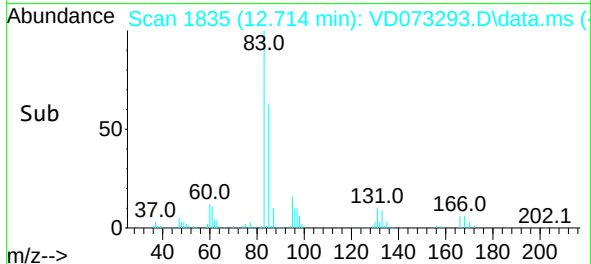
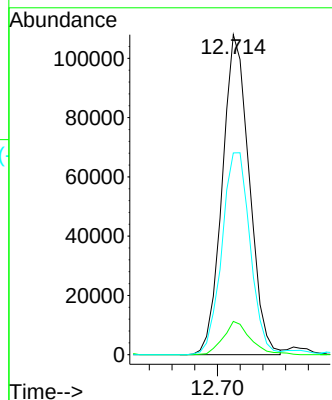
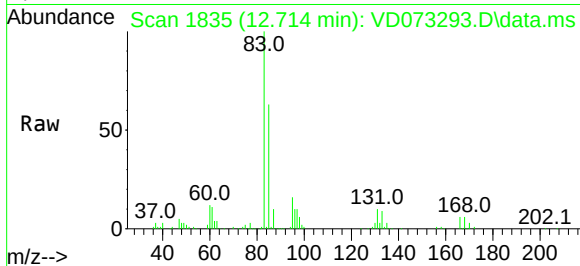




#75
 1,1,2,2-Tetrachloroethane
 Concen: 54.112 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: VD073293.D
 Acq: 23 May 2022 20:10

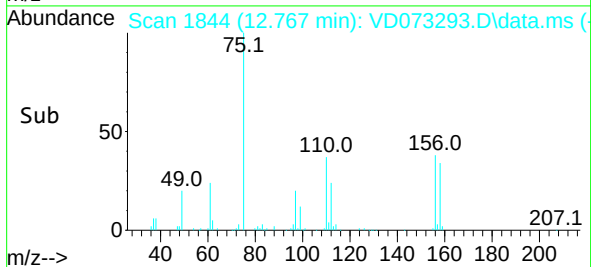
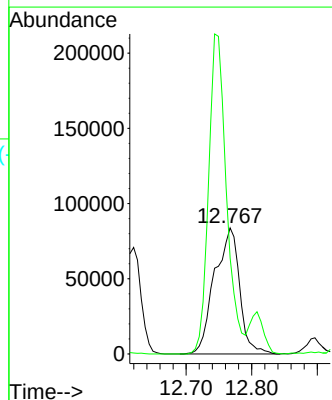
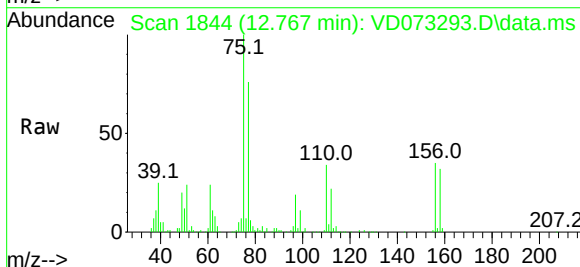
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

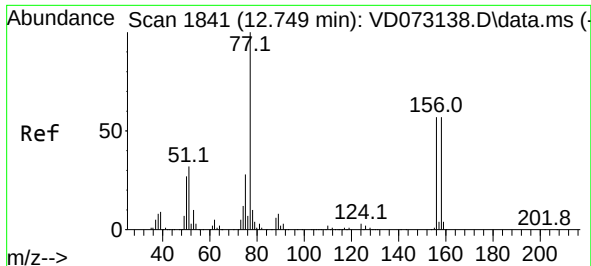
Tgt Ion: 83 Resp: 178081
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.0 14.9
 85 66.1 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 90.344 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: VD073293.D
 Acq: 23 May 2022 20:10

Tgt Ion: 75 Resp: 221876
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

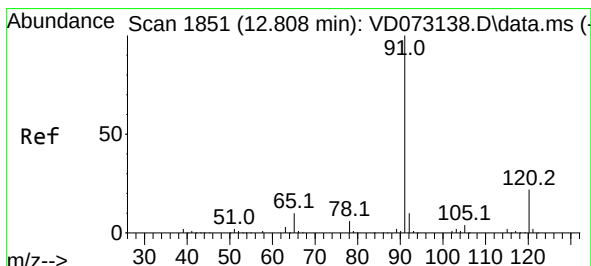
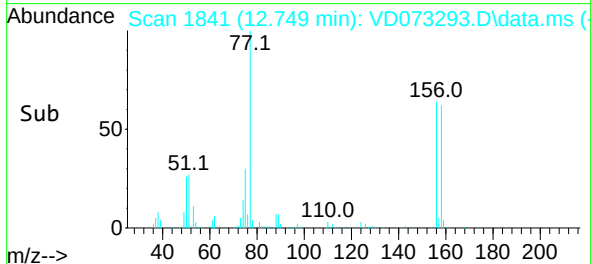
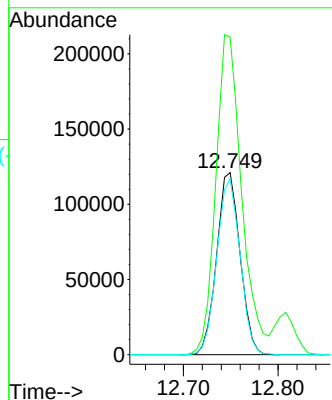
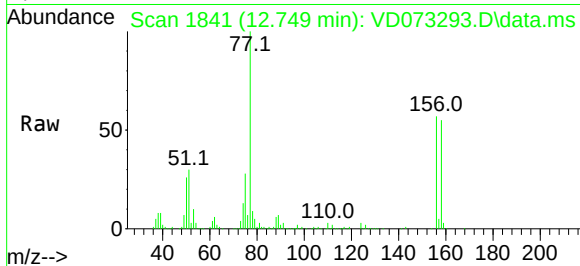




#77
Bromobenzene
Concen: 49.521 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

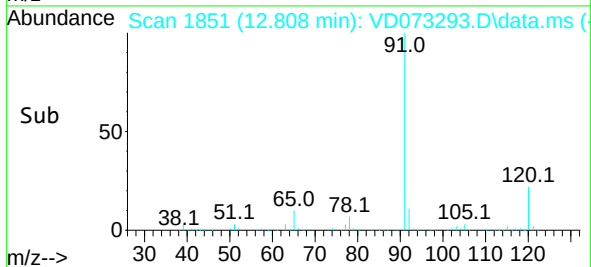
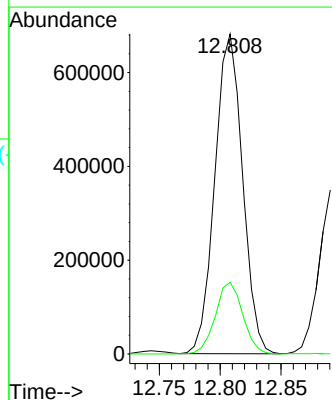
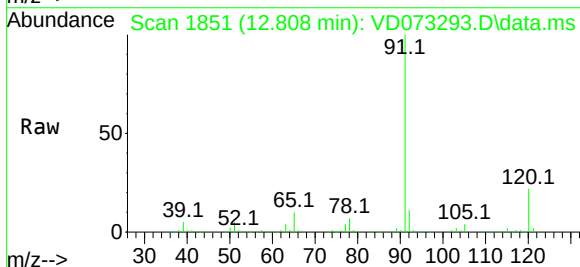
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

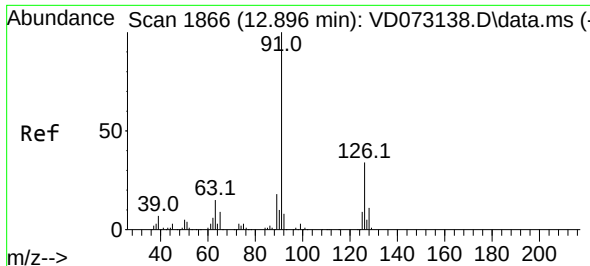
Tgt Ion:156 Resp: 208014
Ion Ratio Lower Upper
156 100
77 195.0 102.8 308.3
158 96.0 48.7 146.1



#78
n-propylbenzene
Concen: 48.141 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

Tgt Ion: 91 Resp: 1078446
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.9

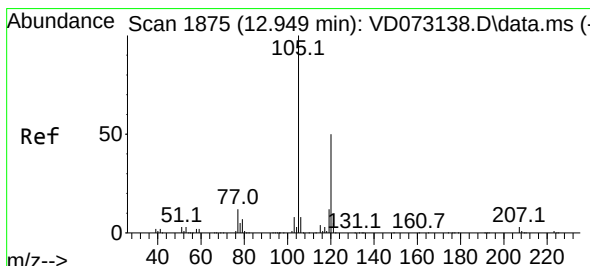
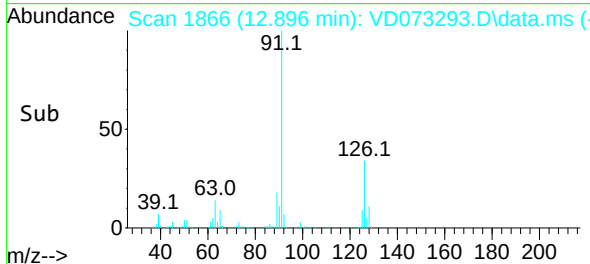
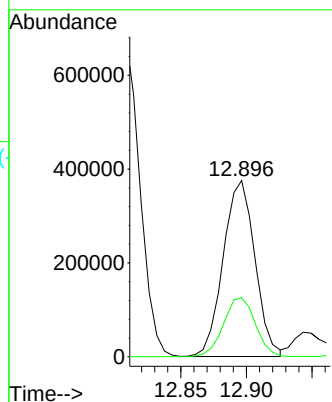
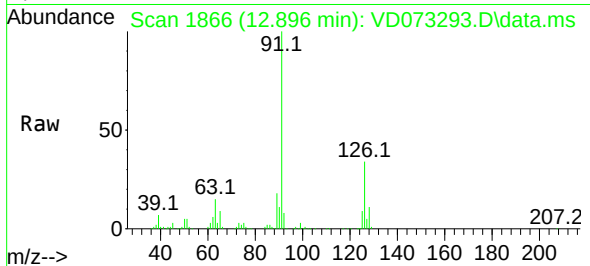




#79
2-Chlorotoluene
Concen: 48.783 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

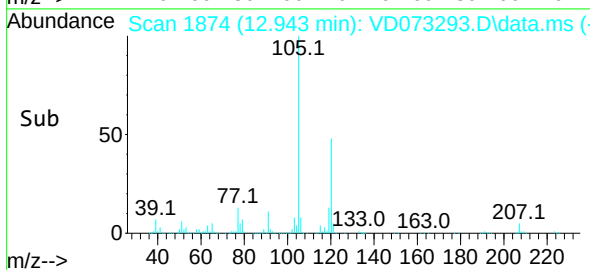
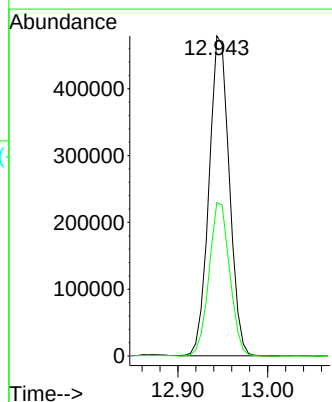
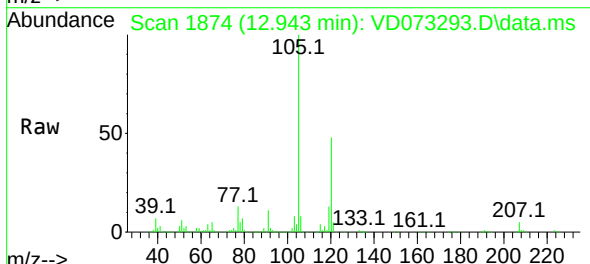
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MSVOA_D
ClientSampleId :
VSTDCCC050EC

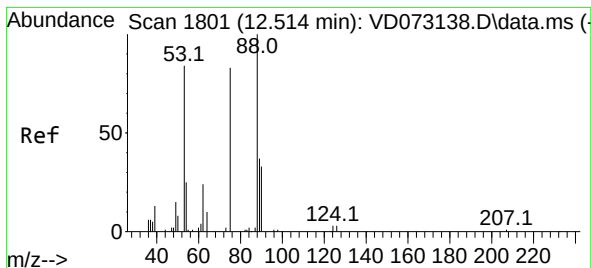
Tgt Ion: 91 Resp: 630987
Ion Ratio Lower Upper
91 100
126 33.7 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 49.801 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

Tgt Ion: 105 Resp: 752770
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8

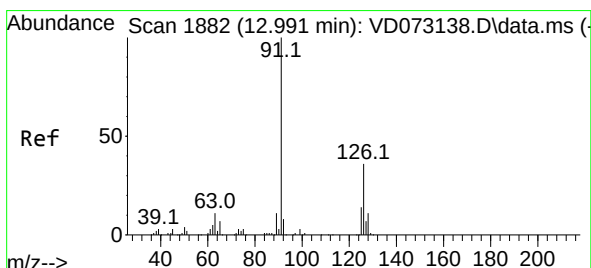
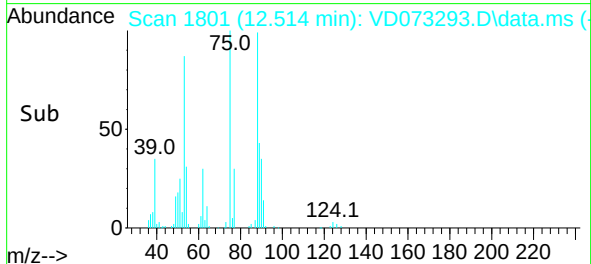
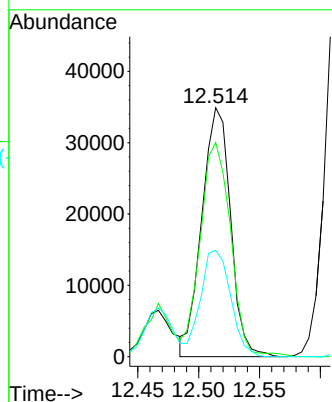
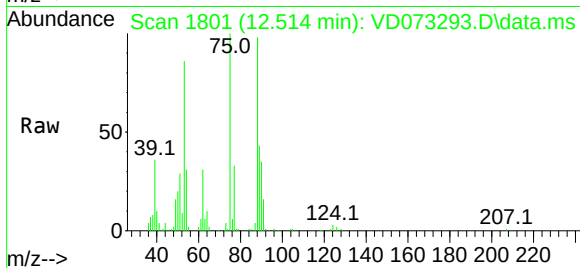




#81
trans-1,4-Dichloro-2-butene
Concen: 56.008 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

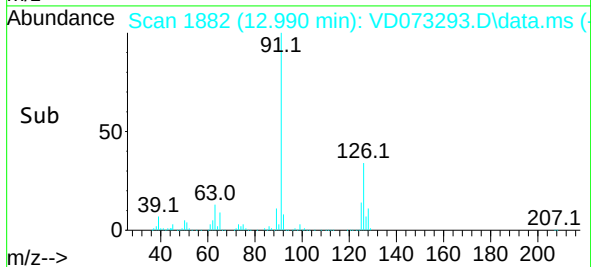
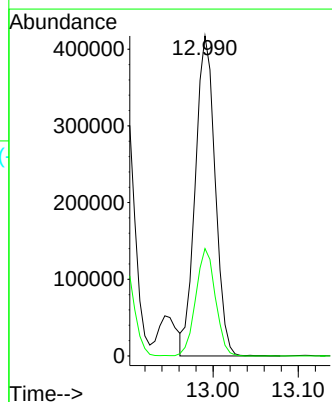
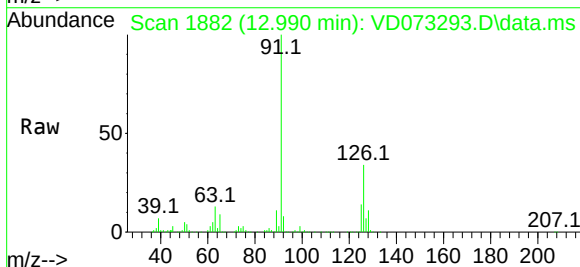
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

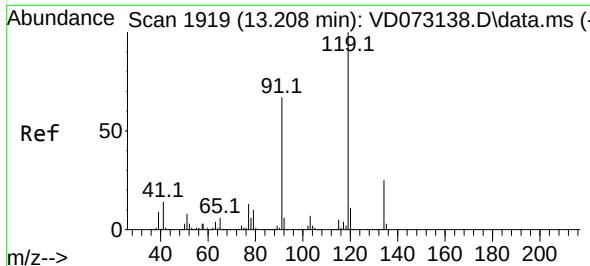
Tgt Ion: 75 Resp: 57296
Ion Ratio Lower Upper
75 100
53 90.9 86.5 129.7
89 44.1 33.9 50.9



#82
4-Chlorotoluene
Concen: 49.593 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

Tgt Ion: 91 Resp: 672349
Ion Ratio Lower Upper
91 100
126 33.3 16.5 49.5

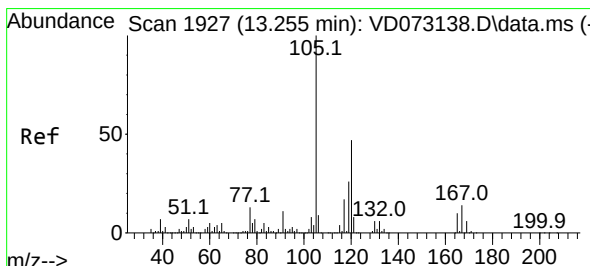
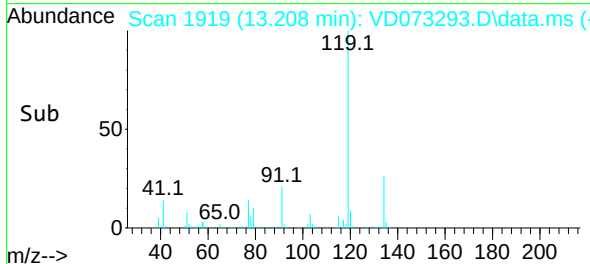
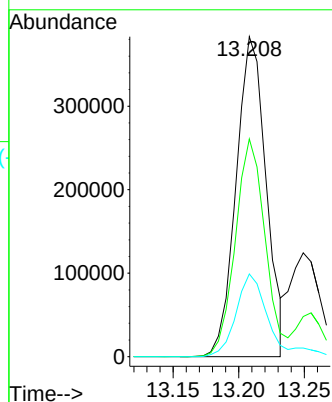
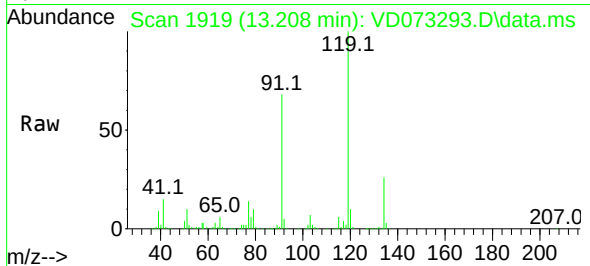




#83
tert-Butylbenzene
Concen: 47.916 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

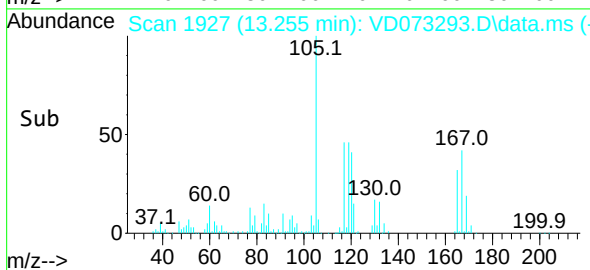
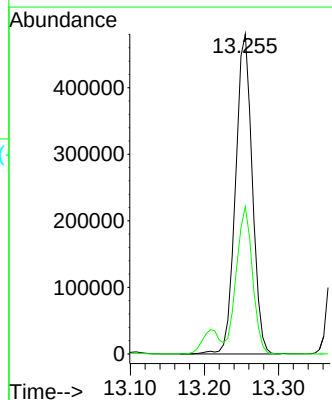
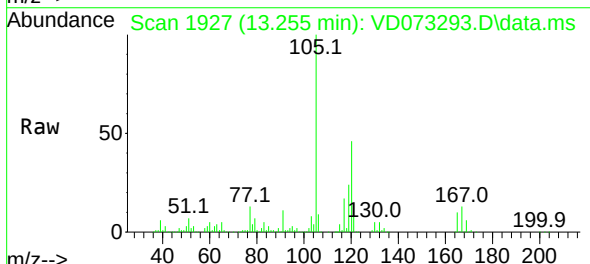
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

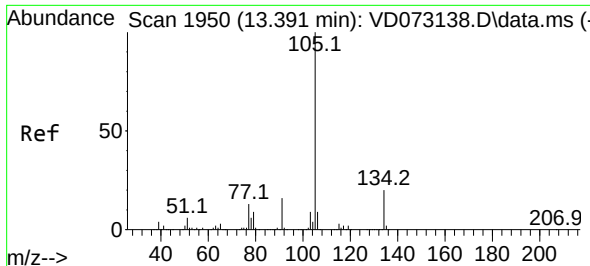
Tgt Ion:119 Resp: 610424
Ion Ratio Lower Upper
119 100
91 67.8 34.8 104.5
134 27.9 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 50.310 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

Tgt Ion:105 Resp: 751270
Ion Ratio Lower Upper
105 100
120 44.6 22.3 66.8

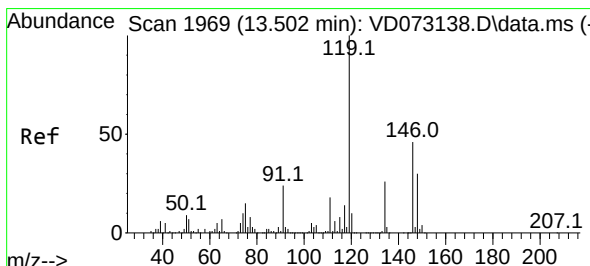
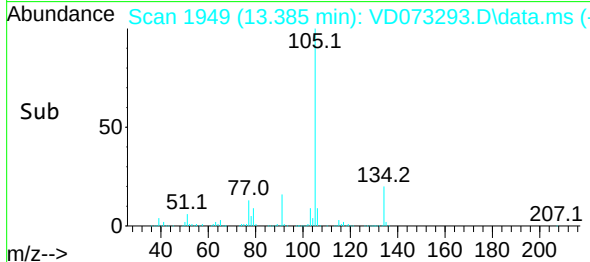
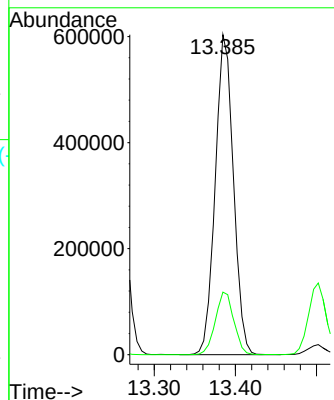
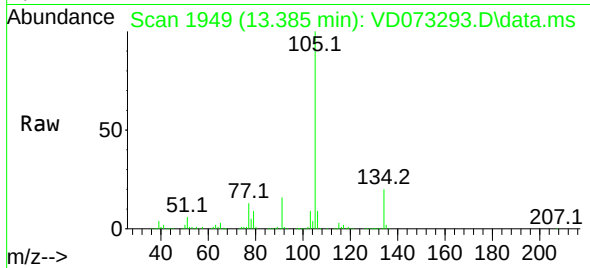




#85
 sec-Butylbenzene
 Concen: 48.248 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.006 min
 Lab File: VD073293.D
 Acq: 23 May 2022 20:10

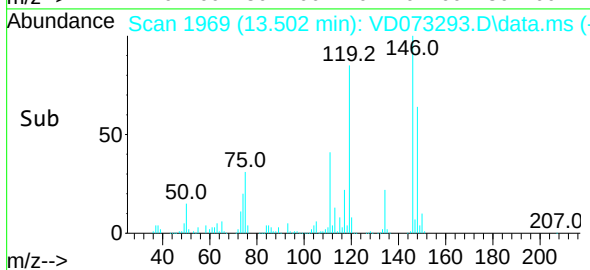
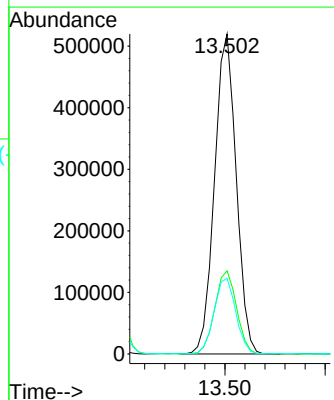
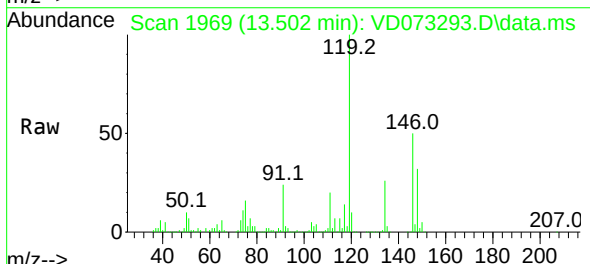
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

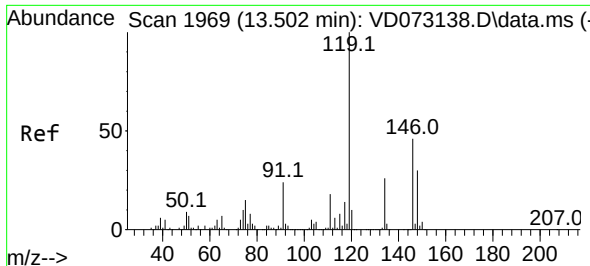
Tgt Ion:105 Resp: 938512
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 49.162 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073293.D
 Acq: 23 May 2022 20:10

Tgt Ion:119 Resp: 779536
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.6
 91 23.6 12.1 36.3

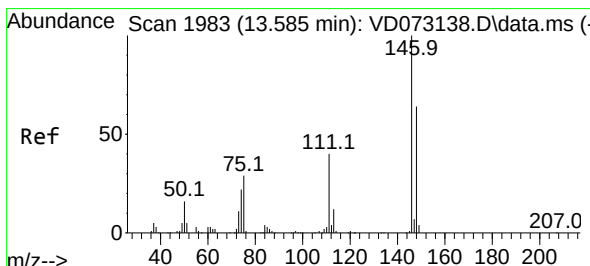
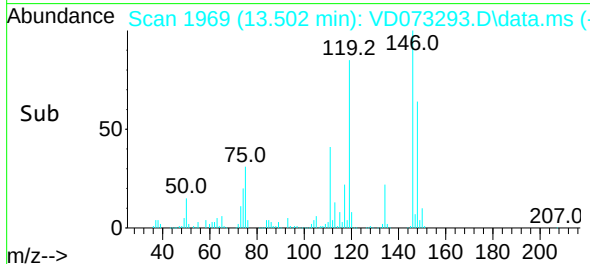
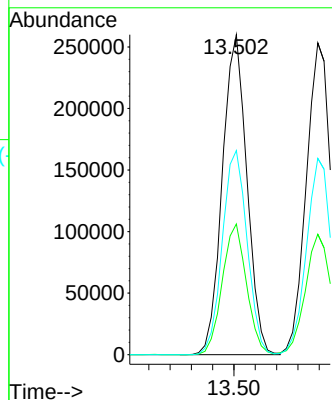
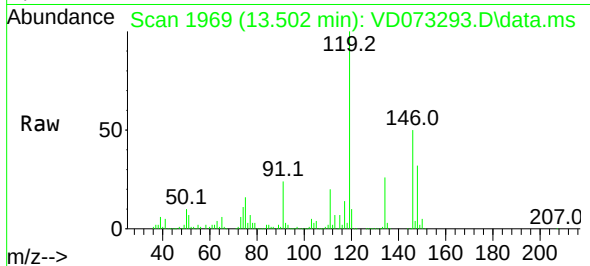




#87
1,3-Dichlorobenzene
Concen: 49.189 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

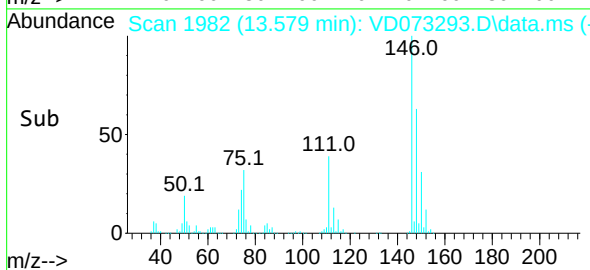
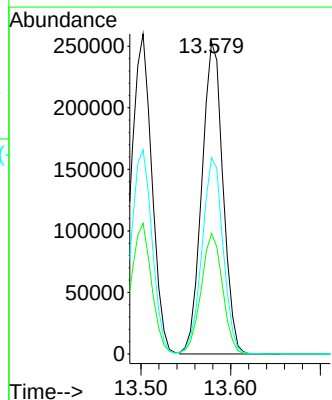
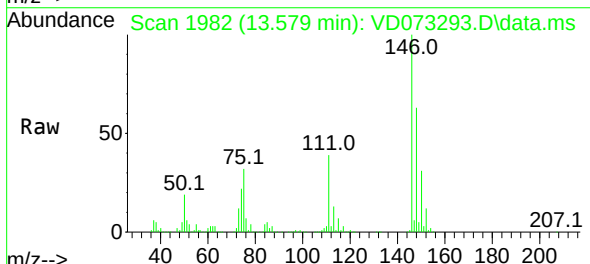
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

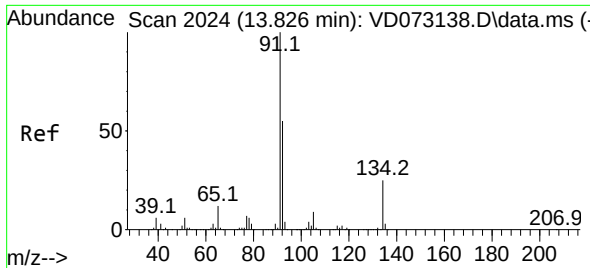
Tgt Ion:146 Resp: 416473
Ion Ratio Lower Upper
146 100
111 40.3 20.4 61.3
148 64.3 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 48.442 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

Tgt Ion:146 Resp: 414016
Ion Ratio Lower Upper
146 100
111 39.2 20.3 60.9
148 62.9 31.7 95.1

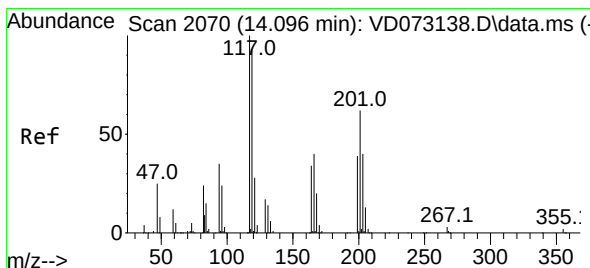
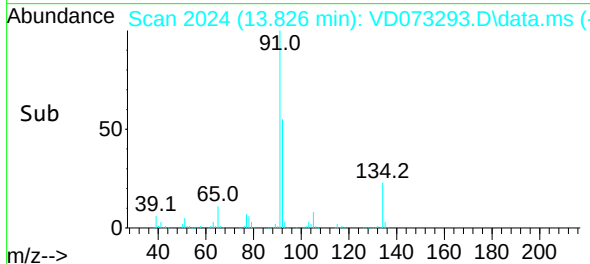
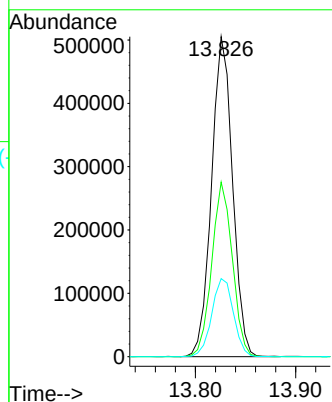
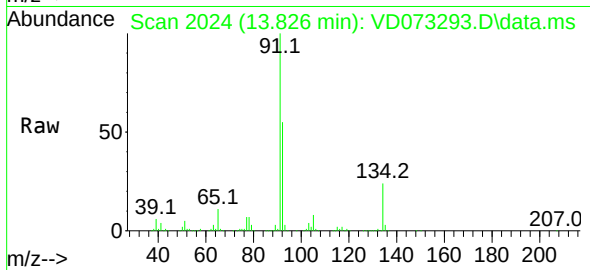




#89
n-Butylbenzene
Concen: 48.755 ug/l
RT: 13.826 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

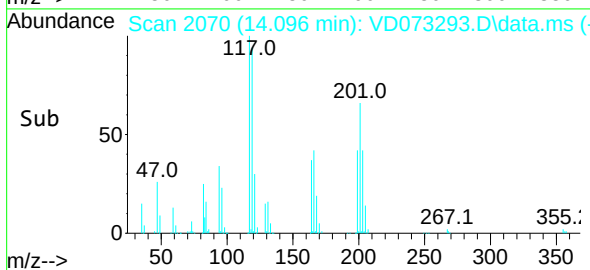
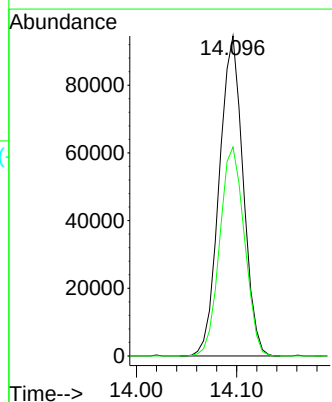
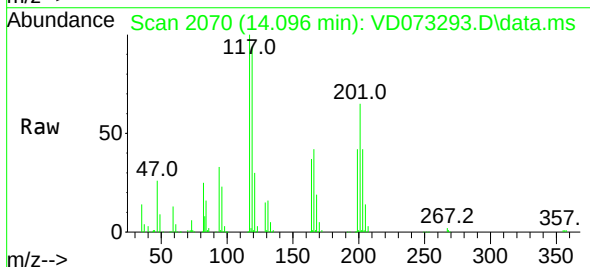
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

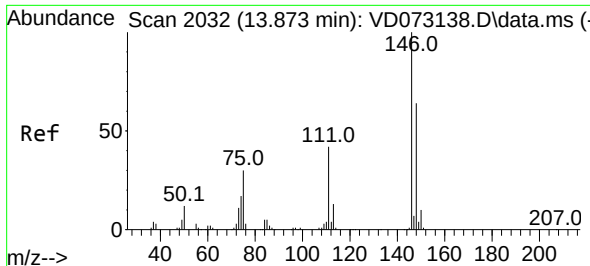
Tgt Ion: 91 Resp: 736603
Ion Ratio Lower Upper
91 100
92 53.4 26.6 79.8
134 25.2 12.3 36.9



#90
Hexachloroethane
Concen: 47.517 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

Tgt Ion: 117 Resp: 155901
Ion Ratio Lower Upper
117 100
201 67.7 33.4 100.2

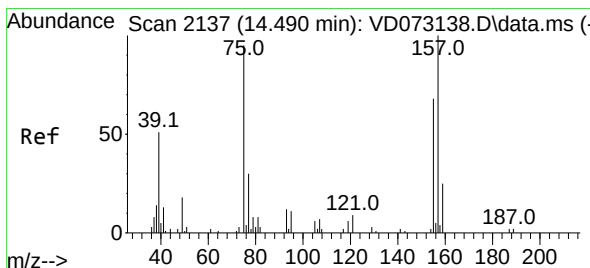
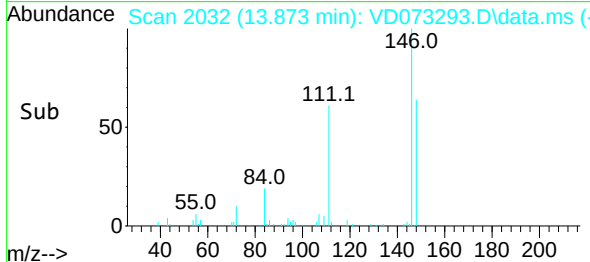
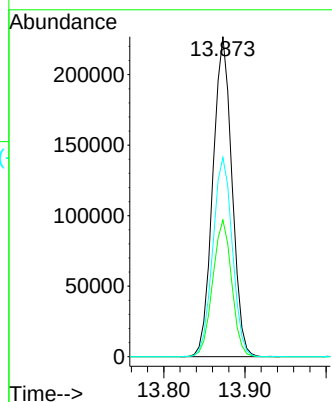
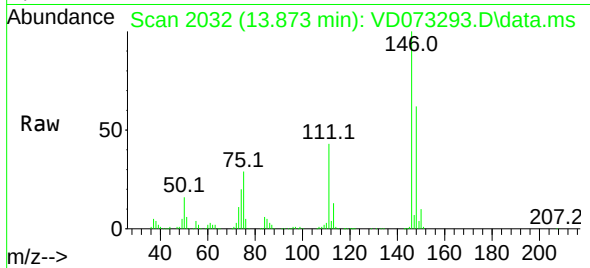




#91
1,2-Dichlorobenzene
Concen: 50.719 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

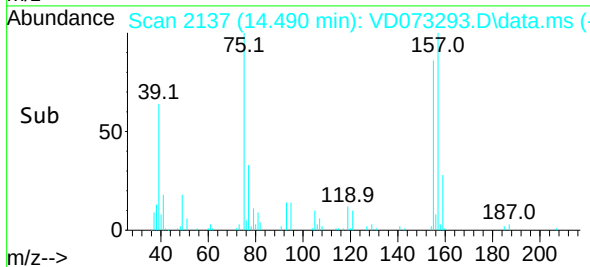
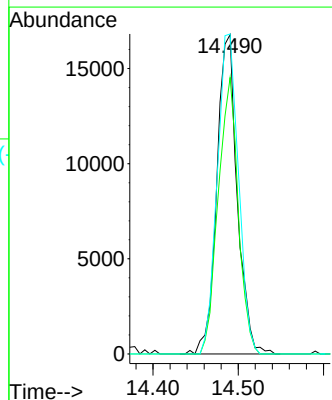
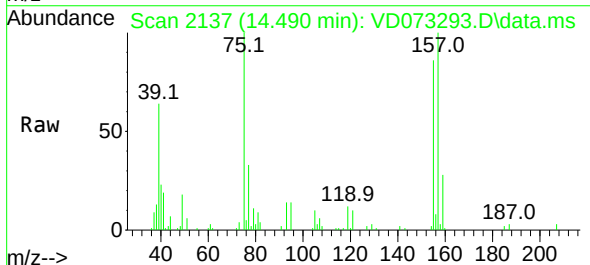
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

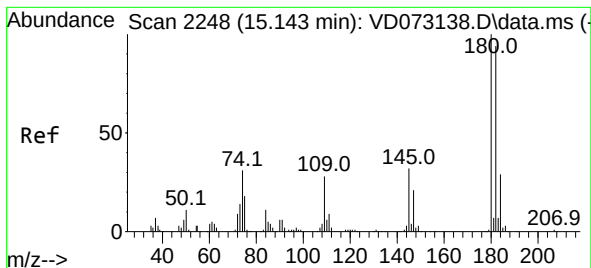
Tgt Ion:146 Resp: 371552
Ion Ratio Lower Upper
146 100
111 42.3 21.1 63.3
148 63.5 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.502 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

Tgt Ion: 75 Resp: 27972
Ion Ratio Lower Upper
75 100
155 84.5 36.8 110.3
157 103.6 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 51.516 ug/l

RT: 15.143 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD073293.D

Acq: 23 May 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

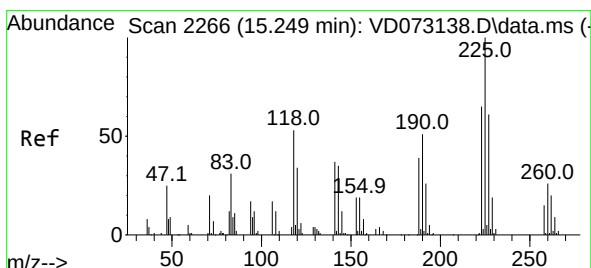
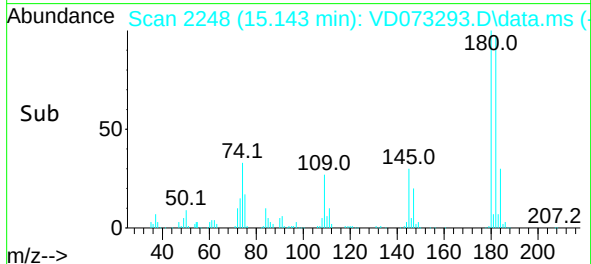
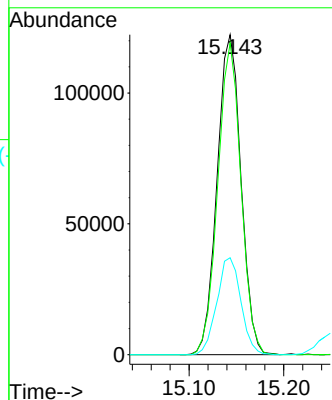
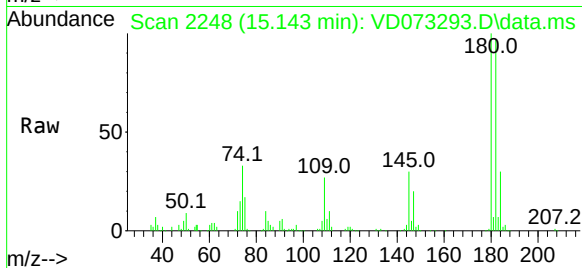
Tgt Ion:180 Resp: 214254

Ion Ratio Lower Upper

180 100

182 94.6 47.3 142.0

145 30.5 16.2 48.5



#94

Hexachlorobutadiene

Concen: 46.768 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD073293.D

Acq: 23 May 2022 20:10

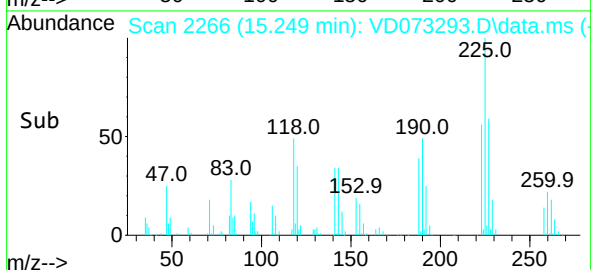
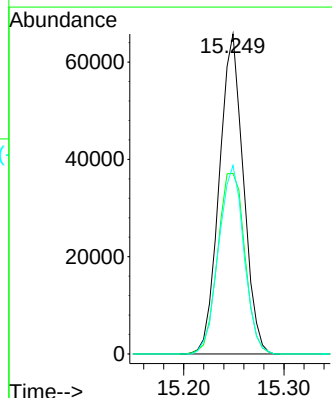
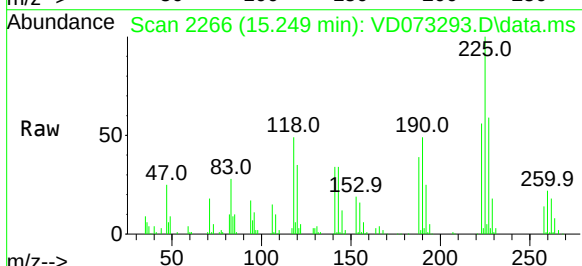
Tgt Ion:225 Resp: 109607

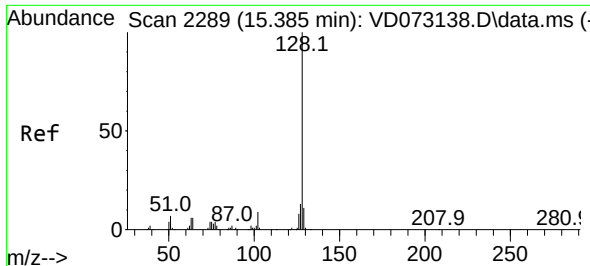
Ion Ratio Lower Upper

225 100

223 63.4 31.1 93.2

227 62.0 32.4 97.0

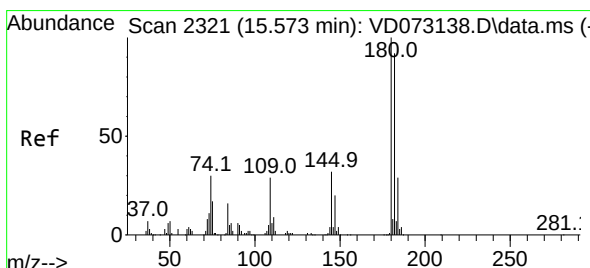
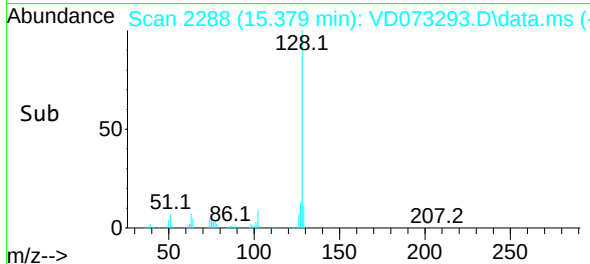
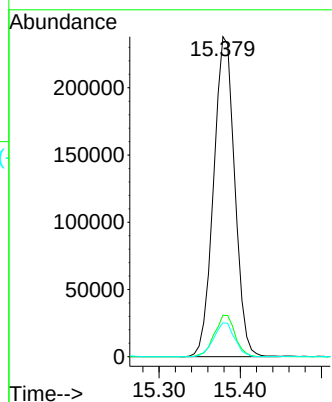
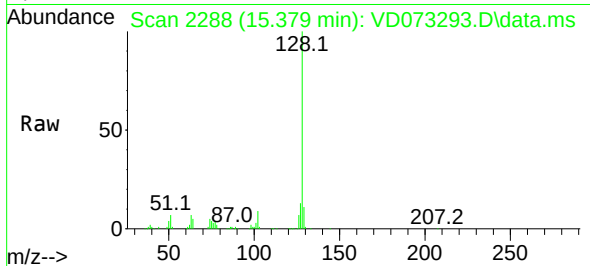




#95
Naphthalene
Concen: 52.388 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 430604
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.6 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 52.884 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD073293.D
Acq: 23 May 2022 20:10

Tgt Ion:180 Resp: 194986
Ion Ratio Lower Upper
180 100
182 95.3 47.6 142.9
145 33.4 17.1 51.3

